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**Professor and Dean
College of Medical Science and Technology,
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Education

Department of Medical Informatics, University of Utah	Ph.D.
School of Medicine, Taipei Medical University	M.D

Current Positions

2014.05-	International Journal for Quality in Health Care (IJQHC)	Editor-in-Chief
2013.03-	Journal of Computer Methods and Programs in Biomedicine (CMPB)	Editor-in-Chief
2011.02-	College of Medical Science and Technology, Taipei Medical University	Dean
2010.04-	Australian College of Health Informatics (FACHI)	Elective Fellow
2011.01-	To the Mayor, Taipei City, Taiwan	Consultant
2010.11-	American College of Medical Informatics (FACMI)	Elective Fellow
2009.06-	Graduate Institute of Biomedical Informatics, Taipei Medical University	Professor
2009.08-	Dept. of Dermatology, Taipei Medical University. Wan Fang Hospital	Chair dermatologist
2009.06-	Department of Biomedical Informatics, National Yang-Ming University	Adjunct Professor
2007.01-	National Health Research Institutes, Center for Health Policy Research and Development	Adjunct Researcher

Awards

2001	The 39th Ten Outstanding Young Persons, Taiwan
2010	Australian College of Health Informatics (FACHI), Australia
2010	American College of Medical Informatics (FACMI), US
2015	2015 Outstanding I.T. Elite Award, Taiwan

Fields of Expertise

Medical Decision Support Systems
E-learning in Medical Education
Patient Safety Information Systems
Clinical Information Systems

Brief Introduction

Prof. Dr. Yu-Chuan (Jack) Li has been a pioneer of Medical Informatics research in Asia. He served as a Vice President of Taipei Medical University (TMU) (2009-2011) and currently, he has been the Dean of College of Medical science and Technology since 2011 and a professor of Graduate Institute of Biomedical Informatics since 1998. He obtain his M.D. from TMU in 1991 and his PhD in Medical Informatics from University of Utah in 1994. Due to his achievement in establishing EHR exchange models among hospitals and his dedication to IT applications in patient safety and care, he was awarded as one of the Ten Outstanding Young Persons of the Year in 2001. He has been Principle Investigator of many national and international projects in the domain of Electronic Health Record, Patient Safety Informatics and Medical e-learning. He is also author of 130 scientific papers and 3 college-level textbooks. He became an elective fellow of American College of Medical Informatics (FACMI), (2010), Australian College of Health Informatics (FACHI), (2010) and also the President of Asia Pacific Association for Medical Informatics (APAMI) from 2006 to 2009. Currently, he is the Editor-in-Chief of two internationally renowned journals - Computer Methods and Programs in Biomedicine and International Journal for Quality in Health Care. His main areas of expertise are: Medical Decision Support Systems, Patient Safety Information Systems, and Medical Big Data Analytics.

Publications(2017~2015)

- Lin Yu-Pei, Lqbal Usman, Nguyen Phung-Anh, Islam Md.Mohaimenul, Atique Suleman, Jian Wen Shan, Li Yu-Chuan(Jack) ,Huang Chen-Ling , and Hsu Chung-Huei. The concomitant association of thyroid disorders and Myasthenia gravis *Translational Neuroscience* 2017(8):27-30.
- Lo Chung-Ming, Syed-Abdul Shabbir, Li Yu-Chuan (Jack). The integration of image processing and machine learning for the diagnosis of stroke in CT *Computer Methods and Programs in Biomedicine* 2017(148):A1-A1.
- Lo Chung-Ming, Lqbal Usman, Li Yu-Chuan(Jack). Automatic methods for managements of cancer, medicine, and behavior *Computer Methods and Programs in Biomedicine* 2017(146):A1-A1.
- Yen Ju-Chuan, Li Yu-Chuan, Hsu Min-Huei. Health databases and biobanks: Taipei declaration gives researchers a roadmap *Journal of the Formosan Medical Association* 2017(116):495-495.
- Greenfield David, Lqbal Usman, Li Yu-Chuan(Jack). Healthcare improvements from the unit to system levels: contributions to improving the safety and quality evidence base *International Journal for Quality in Health Care* 2017(29):313-313.
- Lqbal Usman, Li Yu-Chuan(Jack). Patient's satisfaction and incentive

programs for physicians International Journal for Quality in Health Care 2017(29):143-143.

- Lo Chung-Ming, Iqbal Usman, Li Yu-Chuan(Jack).Cancer quantification from data mining to artificial intelligence Computer Methods and Programs in Biomedicine 2017(145):A1-A1.
- Syed-Abdul Shabbir, Iqbal Usman, Li Yu-Chuan(Jack).Predictive Analytics through Machine Learning in the clinical settings Computer Methods and Programs in Biomedicine 2017(144):A1-A2.
- Atique Suleman, Hsieh Chung-Ho, Hsiao Ruei-Ting, Iqbal Usman, Nguyen Phung Anh(Alex), Islam Md. Mohaimenul,Li Yu-Chuan(Jack),Hsu Chien-Yeh,Chuang Ting-Wu,Syed-Abdulab Shabbir.Viral warts (Human Papilloma Virus) as a potential risk for breast cancer among younger females Computer Methods and Programs in Biomedicine 2017(144):203-207.
- Huang Chu Ya, Nguyen Phung Anh Alex, Clinciu Daniel L., Hsu Chun Kung, Lu Jui Chia Richard, Yang Hsuan-Chiah,Wu Chieh-Chen,Tsai Wen-Chen,Chou Yueh-Ching,Kuo Terry B.J.,Chang,Po-Lun,Jian Wen-Shan,Li Yu-Chuan Jack.A personalized medication management platform (PMMP) to improve medication adherence: A randomized control trial Computer Methods and Programs in Biomedicine 2017(140):275-281.
- Lin Ming Chin, Iqbal Usman, Li Yu Chuan (Jack).Deciphering the human brain: How health information technology can help in diagnosis, evaluation, and treatment Computer Methods and Programs in Biomedicine 2017(143):A1-A2.
- Usman Iqbal, Yang Hsuan Chia, Jian Wen Shan, Yen Yun, Li Yu Chuan.Does aspirin use reduce the risk for cancer? Journal of Investigative Medicine 2017(65):391-392.
- Syed-Abdul Shabbir, Iqbal Usman, Jack Li Yu Chuan.Evaluating quality improvement methods and economics of preventable adverse events in the healthcare: From Africa to Europe International Journal for Quality in Health Care 2017(29):1-1.
- Lin Ming Chin, Iqbal Usman, Li Yu-Chuan.The new mindset for embracing precision medicine: Developing new approaches for exploring diseases Computer Methods and Programs in Biomedicine 2017(140):A1-A1.
- Chia-Yu Su Emily, Li Yu-Chuan, Iqbal Usman.Deep learning revolutionizes healthcare and precision medicine: the next wave of artificial intelligence applications in biomedicine Computer Methods and Programs in Biomedicine 2017(138):-.
- Lin Ming Chin, Iqbal Usman, Jack Li Yu Chuan.Solving the adoption bottleneck to streamline application of medical informatics Computer Methods and Programs in Biomedicine 2017(149):A1-A2.
- Lu Richard, Iqbal Usman, (Jack) Li Yu Chuan.Two new computational methods for data analysis: A social network analysis-based classifier and the GEEORD SAS module Computer Methods and Programs in Biomedicine 2017(150):A1-A2.
- Chia-Yu Su Emily, Usman Iqbal.Unity is Strength: Improving biomedical classification performance based on ensemble learning approaches Computer Methods and Programs in Biomedicine 2017(142):A1-A1.
- Md.Mohaimenul Islam, Usaman 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 Archives of Gynecology and Obstetrics 2017(295):1305-1317.

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- Usman Iqbal, Tzu-Hao Chang, Phung-Anh Nguyen, Shabbir Syed-Abdul, Hsuan-Chia Yang, Chih-Wei Huang, Suleman Atique, Wei-Chung Yang, Max Moldovan, Wen-Shan Jian, Min-Huei Hsu, Yun Yen, Yu-Chuan (Jack) Li. Benzodiazepines use and breast cancer risk: A population-based study and gene expression profiling evidence Journal of biomedical informatics 2017(74):85-91.
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- USMAN IQBAL, SHABBIR SYED-ABDUL, YU-CHUAN (JACK) LI. Work Environment and Quality-Improvement in Healthcare International Journal for Quality in Health Care 2016():-.
- Hsuan-Chia Yang, Usman Iqbal, Phung Anh (Alex) Ngu, Shen-Hsien Lin, Chih-Wei Huang, Wen-Shan Jian*, Yu-Chuan (Jack) Li*. An automated technique to identify potential inappropriate Traditional Chinese Medicine (TCM) prescriptions Pharmacoepidemiology and Drug Safety 2016(25):422-430.
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- Ju-Chuan Yen, Hsiu-Li Lin, Chia-An Hsu, Yu-Chuan (Jack) Li, Min-Huei Hsu.Atrial Fibrillation and Coronary Artery Disease as Risk Factors of Retinal Artery Occlusion: A Nationwide Population-Based Study *BioMed Research International* 2015(2015):1-5.
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- Usman Iqbal, Hsuan-Chia Yang, Yu-Chuan (Jack) Li*.What are the leading keywords of IJQHC in last 3 years? *International Journal for Quality in Health Care* 2015():1-2.
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- Shabbir Syed-Abdul, Max Moldovan, Phung-Anh Nguyen, Ruslan Enikeev, Wen-Shan Jian, Usman Iqbal, Min-Huei Hsu, Yu-Chuan (Jack) Li.Profiling Phenome-wide Associations: A Population-based Observational Journal of the American Medical Informatics Association 2015(22):896-899.
- Usman Iqbal, Yu-Chuan (Jack) Li.RE:Should doctors encourage patients to record consultations? British Medical Journal 2015():-.
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- Ju-Chuan Yen, Chia-An Hsu, Yu-Chuan (Jack) Li*, Min-Huei Hsu*.The Prevalence of Dry Eye Syndrome's and the Likelihood to Develop Sjögren's Syndrome in Taiwan: A Population-Based Study Int J Environ Res Public Health 2015(12):7647-7655.
- Usman Iqbal, Wen-Shan Jian, Chih-Wei Huang, Arslan Inayat, Yu-Chuan (Jack) Li*.Do all hypnotics and sedatives have risk for cancer? Sleep Medicine 2015():-.
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quality of care and patient safety as a priority International Journal for Quality in Health Care 2015():1-2.

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