Curriculum Vitae

Personal Information

Dr Leila R. Kalankesh
Assistant Professor of Medical Informatics
School of Management and Medical Informatics
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Education

- PhD Degree, Medical Informatics, University of Manchester (2006 - 2010)

    Thesis title: Exploring Nature of the Structured Data in GP Electronic Patient Records.

- MSc, Medical Records Education, Iran University of Medical Sciences (2000-2002)
- B.Sc, Medical Records, Shahid-Beheshti (1997-1999)

Experiences

- Deputy for education in school of Management and Medical Informatics, Tabriz University of medical Science.
- Assistant professor at Tabriz University of Medical Sciences
- Facilitator in training course for clinical terminology and coding in University of Manchester
- Hall of Residence Network (Hornet) Representative in University of Manchester
- Conference Steward in the 38th Networkshop conference, 30 March- 1April 2010, University of Manchester.
- Lecturer in Medical Records Department of Tabriz University of Medical Sciences
- Instructor in retraining course of International Classification of Diseases for University Hospital Staffs
- Instructor of retraining course for Coding with ICD-O in East Azerbaijan Province

- Clinical Coder in Teaching Hospital of Sina in Tabriz
- Data Entry clerk and Medical Coder in the Research Centre for Lipid and Glucose study in Tehran, Shahid Beheshti University of Medical Sciences.

Publications &Presentations

1. **Kalankesh LR**, James Weatherall, Thamer Ba-Dhfari, Iain Buchan, Andy Brass. Taming EHR data: Using Semantic Similarity to reduce Dimensionality. Studies in Health Technology and Informatics, 2013; 192: 52-56.

2. **R Kalankesh L,** R Stevens, A Brass. The language of gene ontology: a Zipf's law analysis. BMC Bioinformatics. 2012; **13**(1): 127.

3. **R Kalankesh** L, A Brass, P Baker, JP New. The International Symposium on Languages in Biology and Medicine (LBM). The Languages of Health in GP Electronic Patient Records: A Zipf's Law Analysis. December 14-15, 2011, Singapore.

4. **R Kalankesh L**, S Fozoonkhah**.** Comparative study of Cancer Registry system in several countries: Modelling for Iran. International Symposium on Health Informatics and Bio-informatics. May 2-5 2011, Turkey.

5. Dastgiri S, **L R Kalankesh**, M Heidarzadeh, A Tajahmad, E Rezaian. A new registry of congenital anomalies in Iran. J Registry Manag. 2010; 37(1):27-9.

6. **R Kalankesh,** A Brass, P Baker, JP New. The language of health care: computational linguistics as a tool for measuring the properties of large clinical coding data sets. XVI congress of International Federation of Health Record Organisations. November 15-19, 2010, Italy.

7. **R Kalankesh, L**., R Stevens, A Brass,. The Language of Gene Ontology. Seminar in Computing Department of Open University, UK, March 2010.

8. Dastgiri, S Imani, **L R Kalankesh**, M Barzeghar, M Heidarzadeh.Congenital anomalies in Iran: a cross-sectional study on 1574 cases in the north-west of country, Child: Care, health and development, 2007, 33(3), 257-261.

9. Piri,Z, **L R Kalankesh.** Knowledge Mapping: a way to effective knowledge management in Teaching Hospitals. 11th International Symposium for Health Information Mangement Research. July 14-16, 2006, Canada.

10. Dastgiri S, **LR Kalankesh**, N Pourafkari, R. G Vahidi, and F.Mahmoodzadeh Incidence, survival pattern and prognosis of self-immolation: a case study in Iran. *Journal of Public Health,* 2006; 14(1):2-6.

11. Dastgiri, **LR Kalankesh**, N Pourafkary. Epidemiology of self-immolation in North-West of Iran. European Journal of General Medicine.2005, 2(1):14-19.

12. **Kalankesh LR** . Legal Electronic Health Records. 2nd international Conference of Information and Knowledge Technology. May 24-26, 2005: Iran.

13. **LR Kalankesh,** R Ettekal.The Security Domains of Electronic Health Records". National conference of Medical Records May 20-21, 2005, Iran.

14. **LR Kalankesh.** Comparative study of curriculum in Master degree of Medical Records in several selected countries: Modelling for Iran. 14th Congress of IFHRO, October 9-14, 2004, USA.

15. **R Kalankesh**, Building national health information infrastructure. 4th Regional Congress of e-Health. September 9-11, 2004, Iran.

Research Interests

- Clinical Terminologies
- GP's Electronic Patient Records
- Structured data
- Computational Linguistics
- Semantic visualisation
- Disease Registry
- Data Mining