Brief Bio and (PR)$^2$: Problems & Pitches – Rants & Raves by Nigam Shah

Self Introduction

Dr. Nigam H. Shah is an Assistant Professor of Medicine (Biomedical Informatics) at the Stanford School of Medicine. Dr. Shah’s research is focused on developing applications of bio-ontologies, specifically building novel approaches to annotate, index, integrate and analyze diverse information types available in biomedicine. He teaches on the topics of how to make and use biomedical ontologies, current trends & future directions in biomedical ontologies and reasoning with biomedical data – in the form of tutorials at professional conferences and in Stanford graduate courses. Dr. Shah holds an MBBS from Baroda Medical College, India, a PhD from Penn State University, USA and completed post-doctoral training at the Stanford Medical School; He co-chairs the Bio-Ontologies meeting at the Intelligent Systems in Molecular Biology conference since 2008.

Five publications


5. Shah NH, Bhatia N, Jonquet CM, Rubin DL, Chiang AP and Musen MA, Comparison of Concept Recognizers for building the Open Biomedical Annotator BMC Bioinformatics 2009, 10(Suppl 9):S14

Home page:
- [www.stanford.edu/~nigam](http://www.stanford.edu/~nigam)
- [www.bioontology.org](http://www.bioontology.org)

General Questions

1) What is (are) your main interest(s) in attending the workshop?

I would like to understand what standards exist for Science Metrics, Classifications, and Mapping as well as provide an overview of existing ontologies, standards and shared tooling in biomedicine that may be of use to workshop attendees.
2) Please list standards that are missing in your work.

Methods and tools for automated mapping of existing classifications to one another and to reference terminologies such as those provided by the National Library of Medicine and by the National Center for Biomedical Ontology at http://bioportal.bioontology.org

3) Please list standards that are most useful in your work.

The unified medical language system (UMLS) and Semantic Web standards such as Simple Knowledge Organization System (SKOS)

4) What would you like to learn / achieve at the workshop?

How can the tools and services built by the National Center for Biomedical Ontology can facilitate the adoption, use and shared development of scientifically grounded and practically useful standards for science metrics, classifications, and mapping.