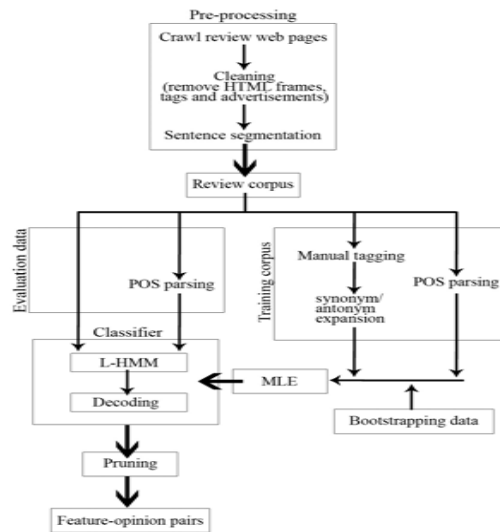# Associate Professor Wei Jin
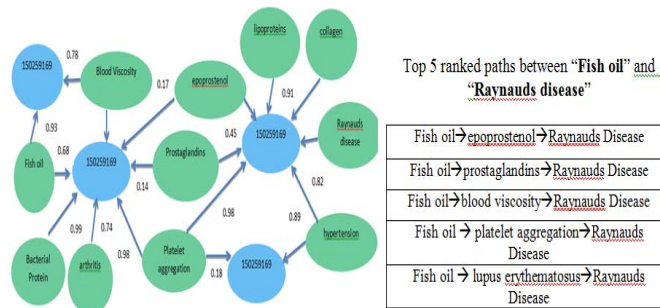## Department of Computer Science and Engineering
Text and Web Data Mining, Information Retrieval, Biomedical and Healthcare Informatics

Opinion Ming and Sentient Analysis

Association Discovery and pattern analysis

Biomedical Text Mining

Top 5 ranked paths between "**Fish oil**" and "**Raynauds disease**"

Fish oil→epoprostenol→Raynauds Disease
Fish oil→prostaglandins→Raynauds Disease
Fish oil→blood viscosity→Raynauds Disease
Fish oil → platelet aggregation→Raynauds Disease
Fish oil → lupus erythematosus→Raynauds Disease

Wikipedia-supported Knowledge representation and Mining Framework
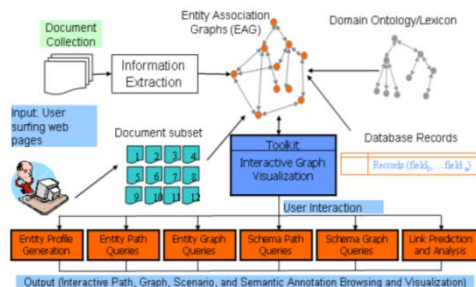

Text and Web Data Mining
- Active projects in association discovery from large document collections
- Social network analysis and community detection
- Opinion mining and sentiment analysis
- Wikipedia-supported data mining applications
- Expertise in text and Web mining, and information retrieval

Biomedical and Healthcare Informatics
- Active projects in mining biomedical literature for knowledge discovery
- Improving knowledge discovery through integrating domain knowledge and human intelligence

Multilingual Data Analysis