

Research Focus Areas

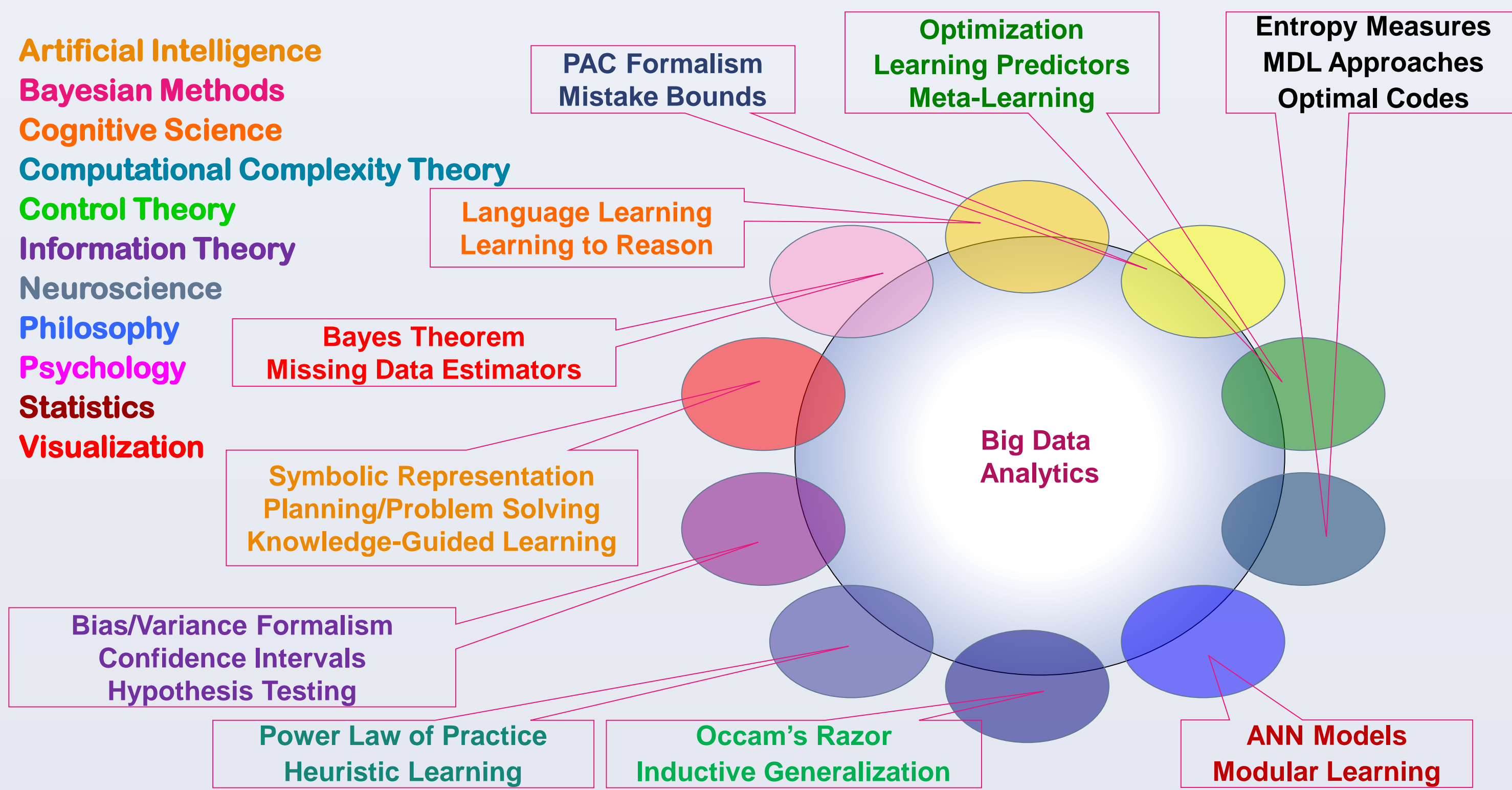
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Ph.D. Computer Science and Information Engineering, Ph.D. Biomedical Engineering

Personal Expertises

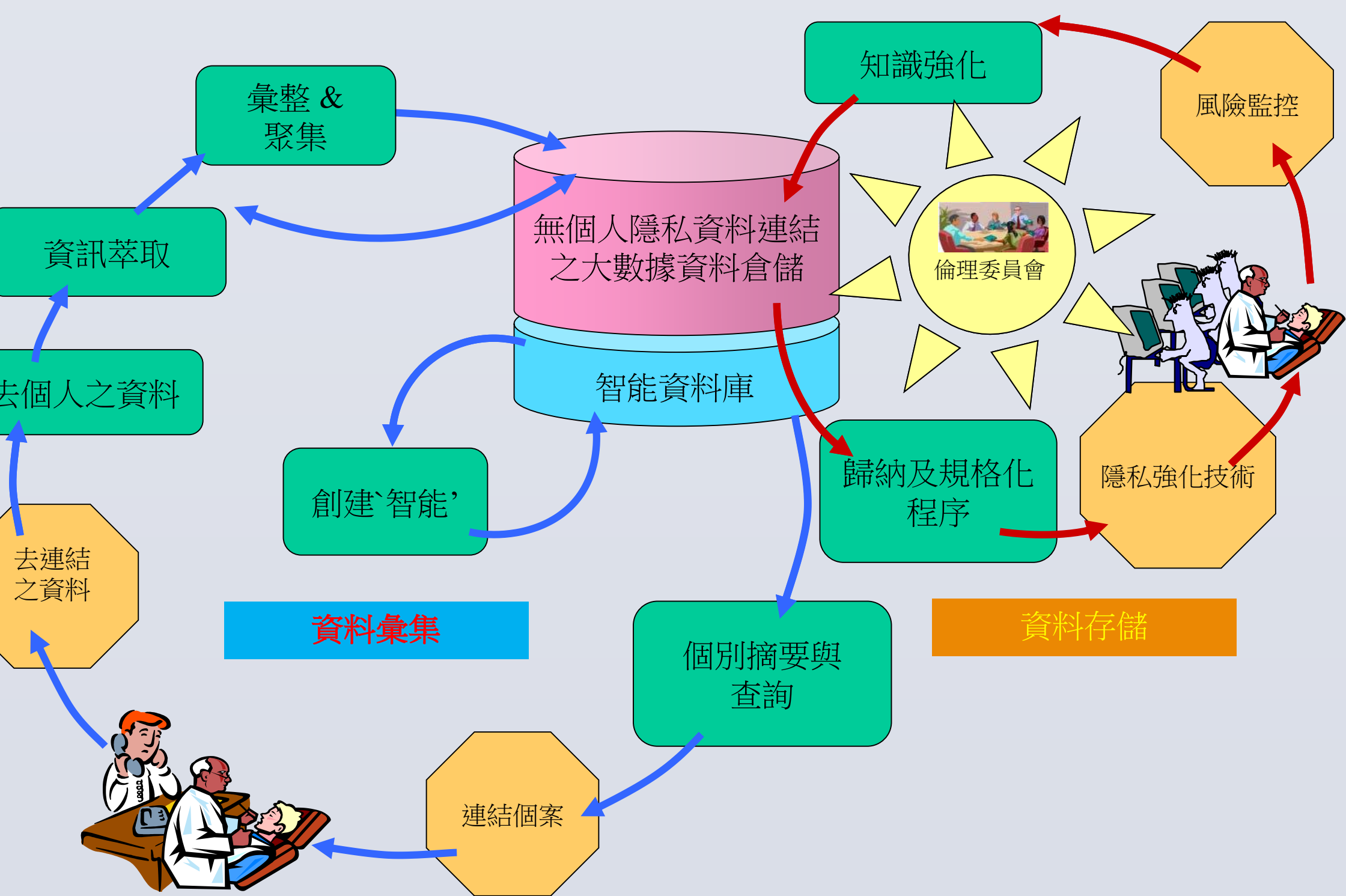
Applied informatics: Research on data mining and knowledge discovery, web mining and text mining, big data processing and management, healthcare informatics, artificial intelligence, knowledge visualization, survival analysis, time-series analysis, and so forth.

Learning Schemes: Research on transfer learning, active learning, large p small n , representation learning with feature extraction, semantics in streaming, ontology matching, quantum computing, complex network and percolation, and so forth.

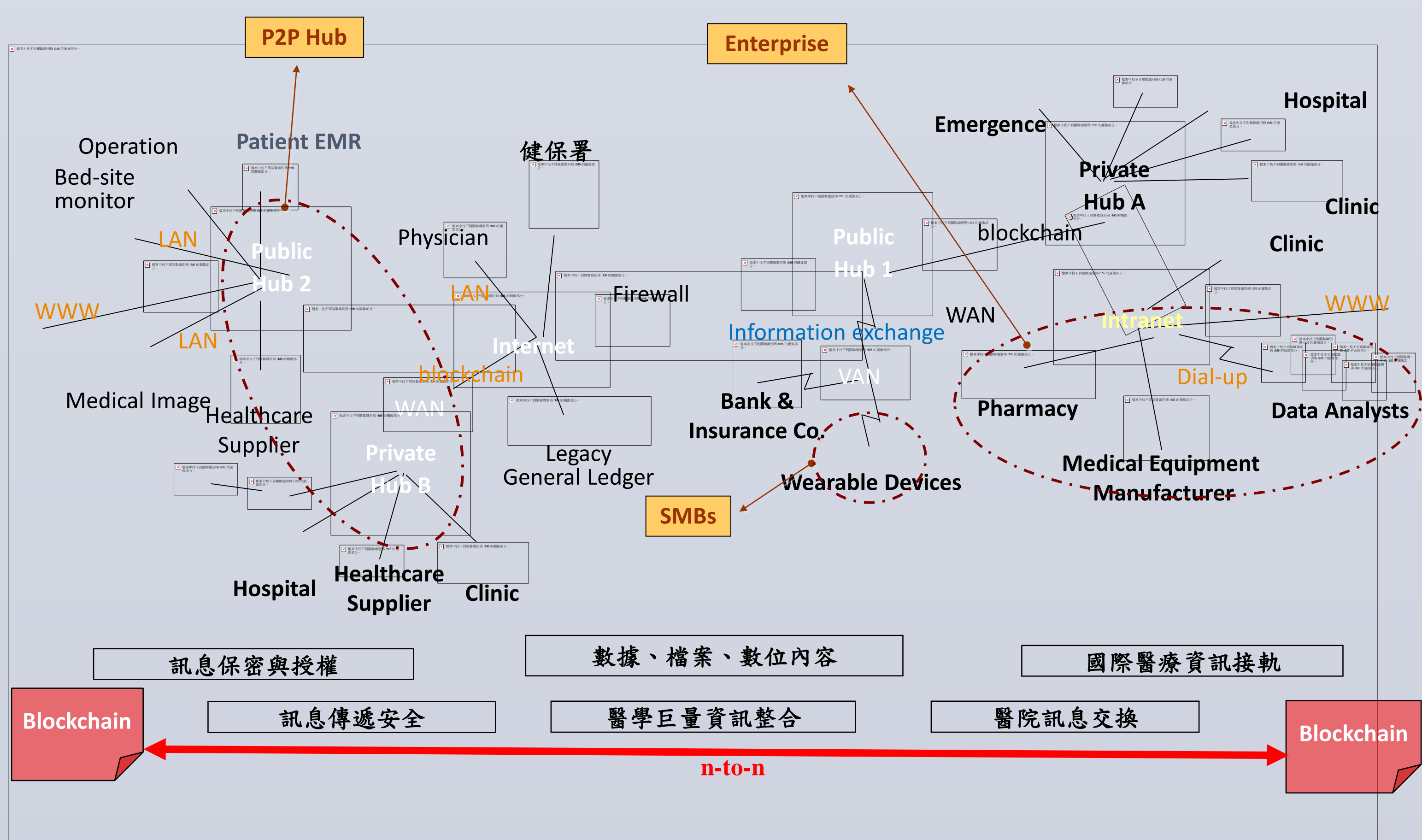


Interesting topic to research

Health Big Data Fusion and Analytics: biomedical data consolidation, clinical data analytics, health and environmental effects, risk factors, medical image processing, cross-spectral analysis on clinical signals, and so forth.



Financial Technologies: blockchains, customer journey, price comparisons, risk forecasts, personalization, product recommendations, smart trading, and so forth.



Honors

2015 IEEE Big Data Outstanding Contribution Award



2013 Ukraine International Innovation Exhibition Golden Awards

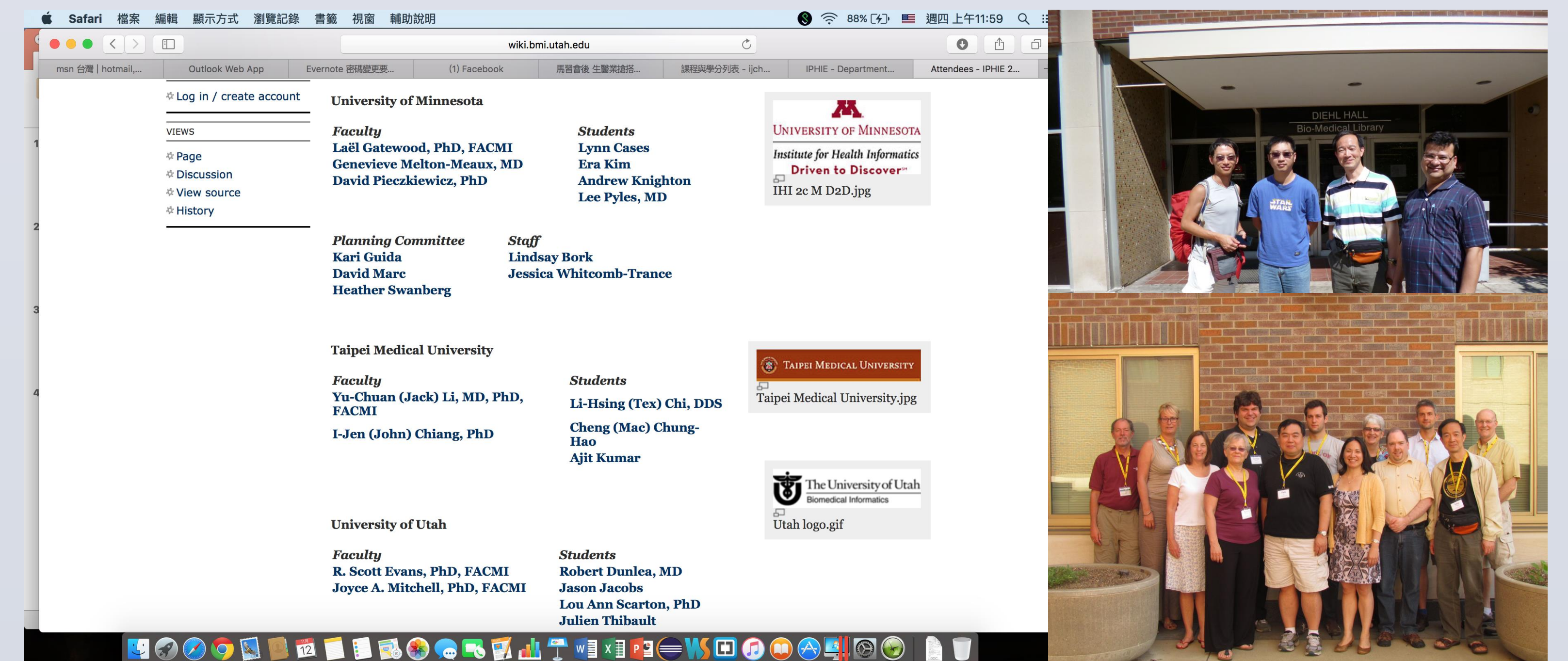


International Activities

2013 ISWT IIT Kharagpur



2012, 2014 IPHIE (International Partnership for Healthcare Informatics)



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