Independent Study Proposal: Understanding the current state of Literature-based Knowledge Discovery and related techniques and methodologies.

Instructor: Dr. Erija Yan  
Advisor: Dr. Erija Yan  
Student: Kathleen Padova  
Quarter: Summer 14-15

Research Questions to Consider
1. What is the current state of Literature-based Knowledge Discovery and what questions remain?
2. What techniques and methodologies have been investigated and what possible methodologies could be investigated?

Research Topics
A. Knowledge Domain Mapping using bibliometric methods  
B. Literature-based Knowledge Discovery

Course Outcomes
1. Expand knowledge base about academic research topics.  
2. Create Literature review(s).  
3. Hands-on application of KDD tools/techniques to analyze data sets.

Interaction
Student will submit work weekly to the supervising professor by email. They will work to meet in person or virtually at a scheduled to be defined.