

# Term Paper for CS 533

## *Possible Topics*

Dr. Indrakshi Ray

iray@cs.colostate.edu

# Latest Research in Databases

- Look at the latest proceedings of Database Conferences
  - SIGMOD, VLDB, EDBT, ICDE, ER, CIKM
- Look at recent journal articles
  - ACM TODS, IEEE TKDE, Information Science, Information Systems, DKE, DSS

# Database Security

- Look at the latest proceedings of Security Conferences
  - IFIP DAS, IFIP IICIS, ACM CCS, ACM SACMAT
- Look at recent journal articles
  - ACM TISSEC, Journal of Computer Security

# Possible Topics

- Secure Query Processing in Data Streams
- Scheduling in Secure Data Streams
- Load Shedding in Secure Data Streams
- Data Processing in the Clouds
- Secure Data Processing in the Clouds
- Data Management in Social Networks
- Information Flow in Social Networks
- Security and Privacy in Social Networks
- Privacy in Location-Based Services
- Stream Processing for Video Data
- Data Provenance
- Probabilistic Databases
- Specification and Analysis of Workflows

# Topics

- You can also work in an area that is close to your thesis area, so long as you can make a case that you will be learning something about databases

# Term Paper Format

- Should be at least 15 pages in length
- Should be in ACM or IEEE format
- LaTeX is preferred
- Should contain the following
  - Abstract
  - Introduction
  - Related Work
  - Contributions
  - Conclusion