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My Research

- Role-Based Access Control
- general topics in databases or access control
  - access control in the cloud
  - attribute-based access control
  - delegation
  - privacy
    - what is it?
    - how to implement in relational database
    - how to combine with RBAC
  - role mining
  - role integration

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- second database course – assumes you have a first course covering relational databases, relational algebra, SQL, ER models

- look at distributed relational databases and non-relational ideas: OODB and XMLDB

- look at internals – how database packages are implemented, data models, storage of data, query optimization, implementation of concurrency control and recovery in centralized and distributed environment

- explore all of these database issues in the cloud/big data