THE GROWING ROLE OF DATA

AT UBCs iSCHOOL

SUMMER 2016: PATHWAYS INTRODUCED

This pathway is designed to develop the competencies necessary to provide **services related to data**, which can enable the data to be used to draw conclusions or make decisions. An important focus of this pathway is **data stewardship**, which involves management and maintenance of data and metadata that ensures integrity and quality. A secondary focus is **data analysis**, especially the ability to summarize and visualize data to facilitate understanding and communication.

DATA SERVICES

PROFESSIONAL WORK POSITIONS

- Data Librarian
- Data Curator
- Research Data Manager
- Data Steward
- Data Scientist
- Social Media Manager

PRIMARY ELECTIVES

- Database Design

- Information Visualization and Visual Analytics

SECONDARY ELECTIVES

- Data Sources in the Public Domain

- Social Media for Information Professionals

- Research Data Management for Information Professionals

- Graduating Project

RELATED ELECTIVES

- Indexing

- Information Retrieval Concepts and Practice

- Project Management in Information Organizations

- External UBC Courses related to Data Analysis – TBD

  - Courses in statistics, data analysis, big data

+ DATA ANALYSIS & WISE COURSES...

LIBR 609c - Ido Roll, extended to Master's Degree Students

WISE - an iSchool Consortium extending course offerings across institutions

- Data Curation @ Queen's University, NY
- Metadata, UNC Chapel-Hill

FACULTY

MUHAMMAD ABDUL-MAGEED

- Social Media Mining

- Sentiment Analysis

- Python Programming

- Computer-Mediated Communication

- Text Analytics

- Social Media Intelligence

- Among a number of Software projects,

  - CARE: A state of the art, machine learning system for opinion detection in health policy data

THE A-TEAM

Victoria Lemieux

Eugene Barsky

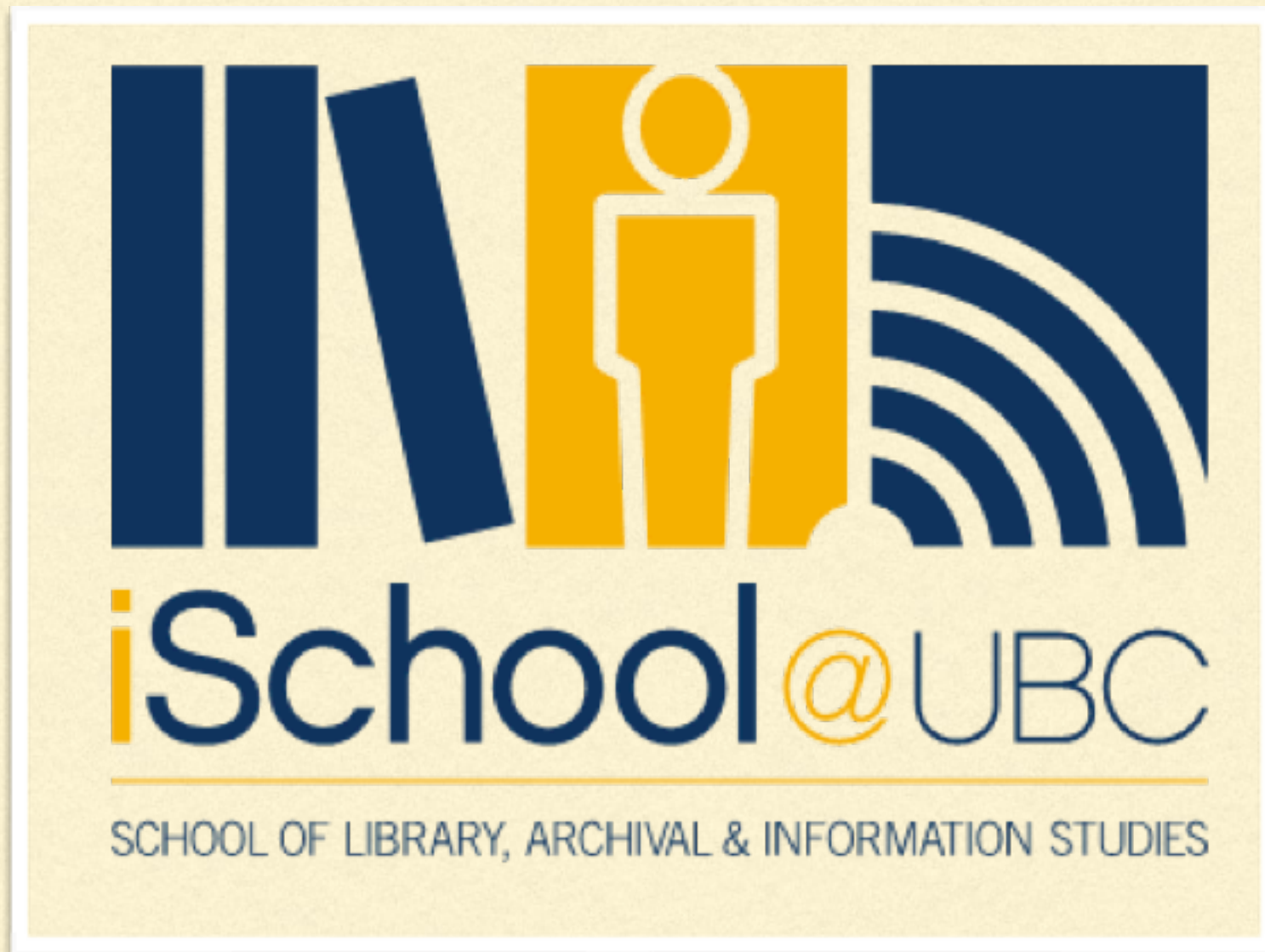Deborah Hicks

Richard Arias-Hernandez

UBC Faculty of Arts Co-op Program

For-Credit Experiential Learning Options:

- LIBR 595: Practicum
- LIBR 596: Professional Experience
- LIBR 569R: Graduating Project

PROFESSIONAL EXPERIENCE

THANK YOU

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