About myself

- Kamran Sedig (come-run se-deeg)
  - Joint appointment between Computer Science & Information and Media Studies
- sedig@uwo.ca
- MC 420

My research

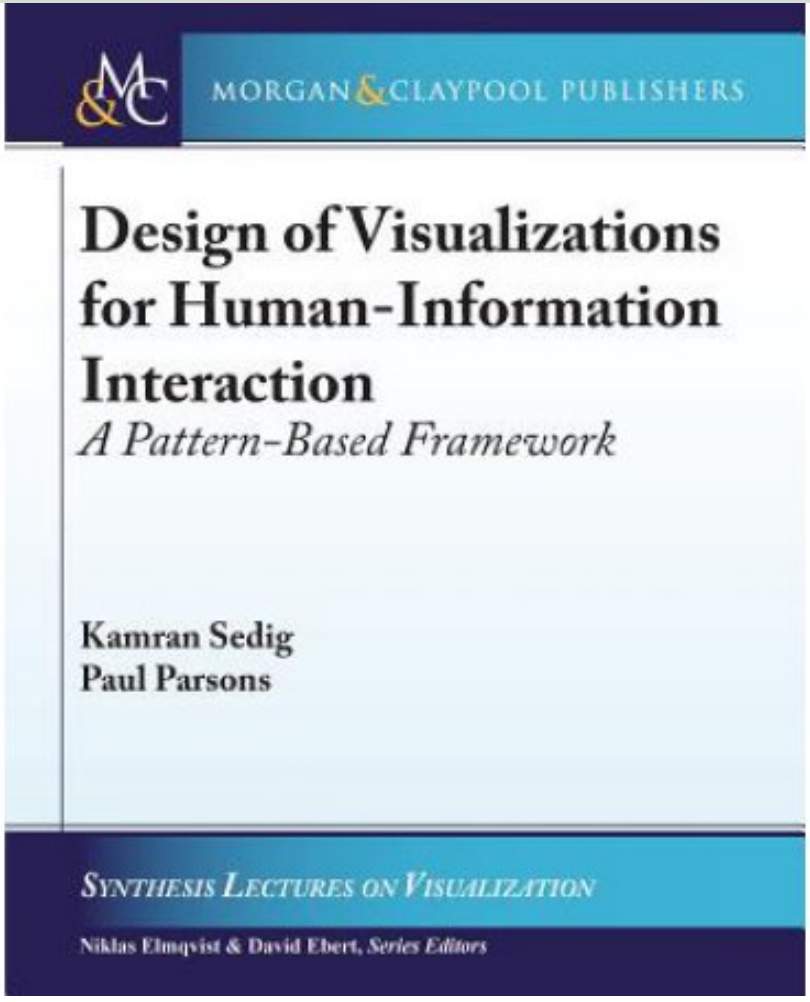
- Interdisciplinary, at the cross-roads of
  - Human-centered computing
  - Information & data science
  - Cognitive science
  - Systems theory
  - Design (interaction, visualization, cognitive, game, motivation)
- Investigate how to

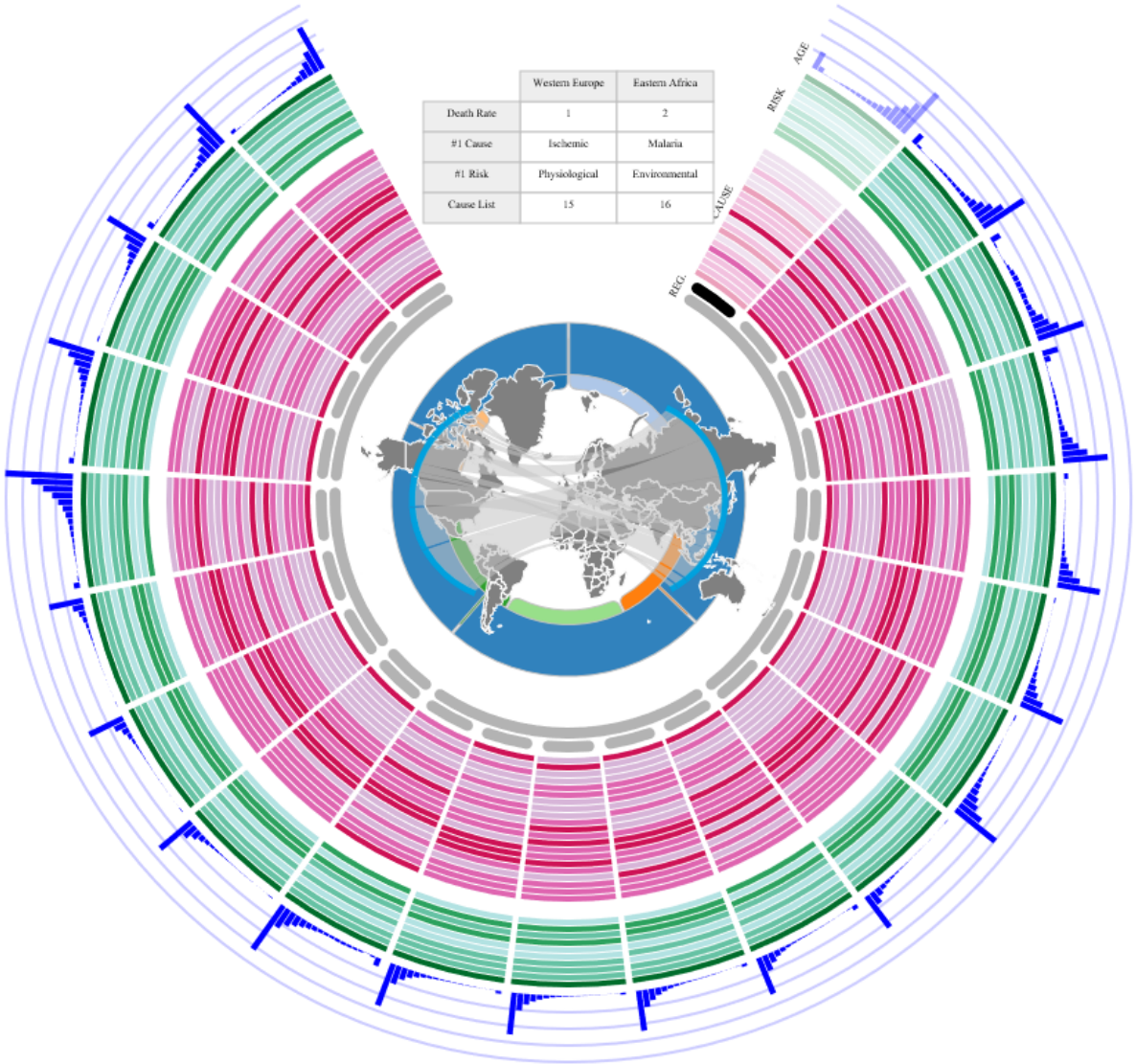
  Design of interactive software tools that support data-intensive complex human tasks
  - Data analysis & interpretation, investigation, problem solving, planning, decision making, …

Sub-areas and applications of my research

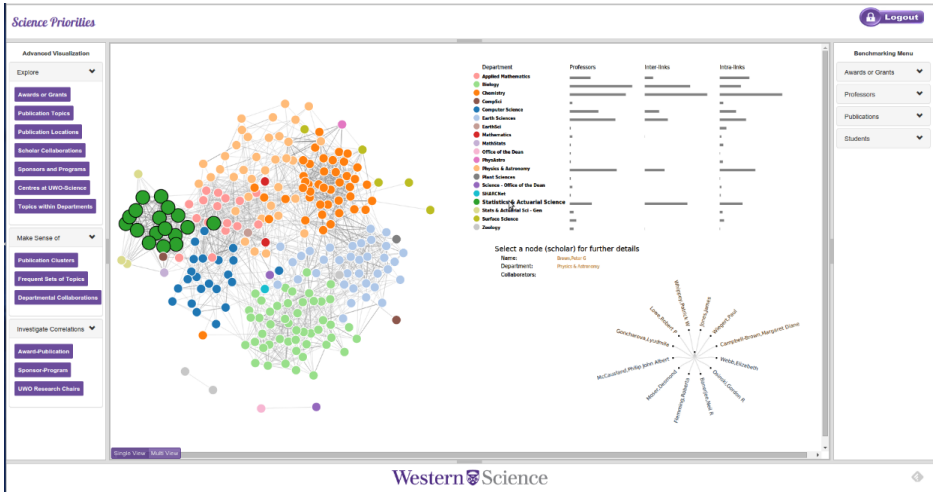
- Human-data interaction & human-steered analytics
- Design of interactive visualization tools
  - Data/information visualization
  - Data and visual analytics
  - Geospatial visualizations
- Data-intensive complex activities
  - Health & medical informatics
  - Decision-support tools
  - Design of cognitive games
  - Cyberlearning
  - Interactive reasoning
- Interface design
- Information artifacts and tools
- …

New book


MORGAN & CLAYPOOL PUBLISHERS
Design of Visualizations for Human-Information Interaction
A Pattern-Based Framework
Kamran Sedig
Paul Parsons
SYNTHESIS LECTURES ON VISUALIZATION
Niklas Elmqvist & David Ebert, Series Editors



	Western Europe	Eastern Africa
Death Rate	1	2
#1 Cause	Ischemic	Malaria
#1 Risk	Physiological	Environmental
Cause List	15	16


Science Priorities
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Sponsors and Programs
Centres at UWO-Science
Topics within Departments
Make Sense of
Publication Clusters
Frequent Sets of Topics
Departmental Collaborations
Investigate Correlations
Award-Publication
Sponsor-Program
UWO Research Chairs
Department
Professors
Inter-links
Intra-links
Applied Mathematics
Biology
Chemistry
Complici
Computer Science
Earth Sciences
Earthfici
Mathematics
Mathlists
Office of the Dean
Physicists
Physics & Astronomy
Plant Sciences
Science - Office of the Dean
SHARCNet
Statistics & Actuarial Science
Stats & Actuarial Sci - Gen
Surface Science
Zoology
Select a node (scholar) for further details
Name:
Department:
Collaborators:
Single View
Multi View
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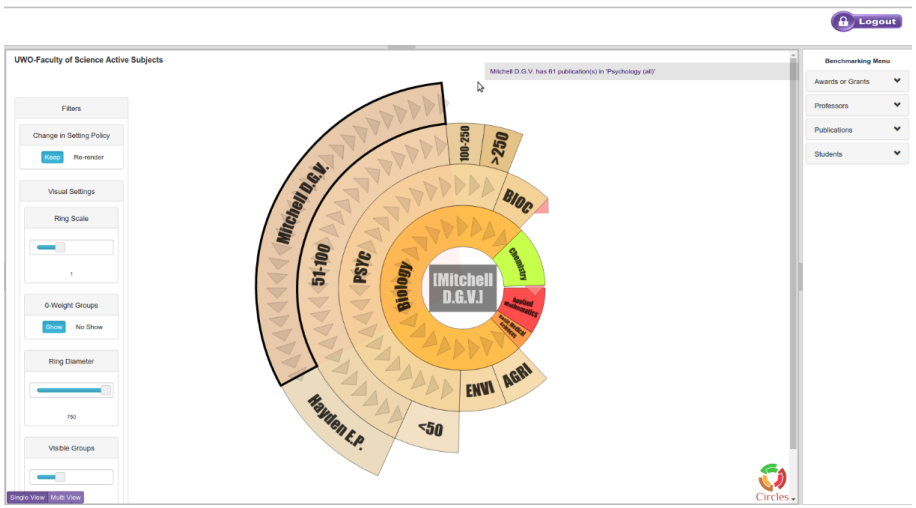
Western Science


Logout
UWO-Faculty of Science Active Subjects
Mitchell D.G.V. has 61 publication(s) in 'Psychology (all)'
Filters
Change in Setting Policy
Keep
Re-render
Visual Settings
Ring Scale
0-Weight Groups
Show
No Show
Ring Diameter
750
Visible Groups
Single View
Multi View
Mitchell D.G.V.
51-100
PSYC
Biology
[Mitchell D.G.V.]
100-250
>250
BIOC
Chemistry
Applied mathematics
Earth Sciences
ENVI
AGRI
<50
Hayden E.P.
Circles
Benchmarking Menu
Awards or Grants
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My research

- Visit our research lab:

insight.uwo.ca

Graduate students (13)

- 1 Post Doc
- 7 PhD in Computer Science
- 3 PhD in Health Information Science
- 1 PhD in Information Science
- 1 MSc in Computer Science
- Areas:
  - Visual analytics; medical visual analytics; human-data interaction; visualization design; role of information & cognition in evidence-based medicine; text visualization; public health; …

Fall 2016 (CS 9855a)

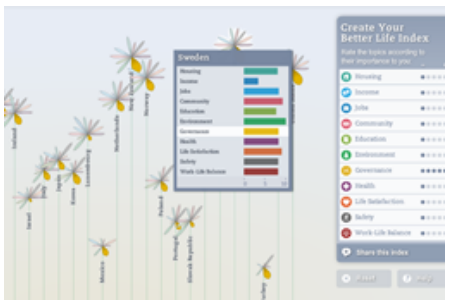
- Topics in data presentation, analytics, and human-centered informatics in healthcare
  - will examine topics related to health informatics—with particular emphasis on health informatics tools, big data in healthcare, presentation of health data, analytics methods and their role in healthcare, and the importance of human-centeredness of tools
  - cross-listed (CS & Information Science & Health Information Science)
- Mondays, 9-12 (Rm. MC 16a)
  - Start date: September 12 (be on time)

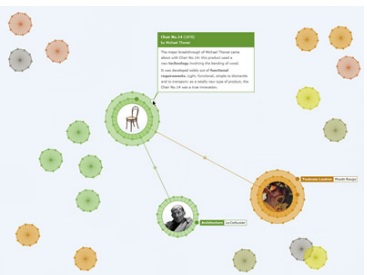
Evaluation scheme for CS 9855a

- Paper presentation 20%
- Tool presentation 15%
- Research paper 40%
- Participation 25%

Winter 2017

- Information Visualization (9639A)
  - 1 cross-listed course (CS & Library & Information Science)

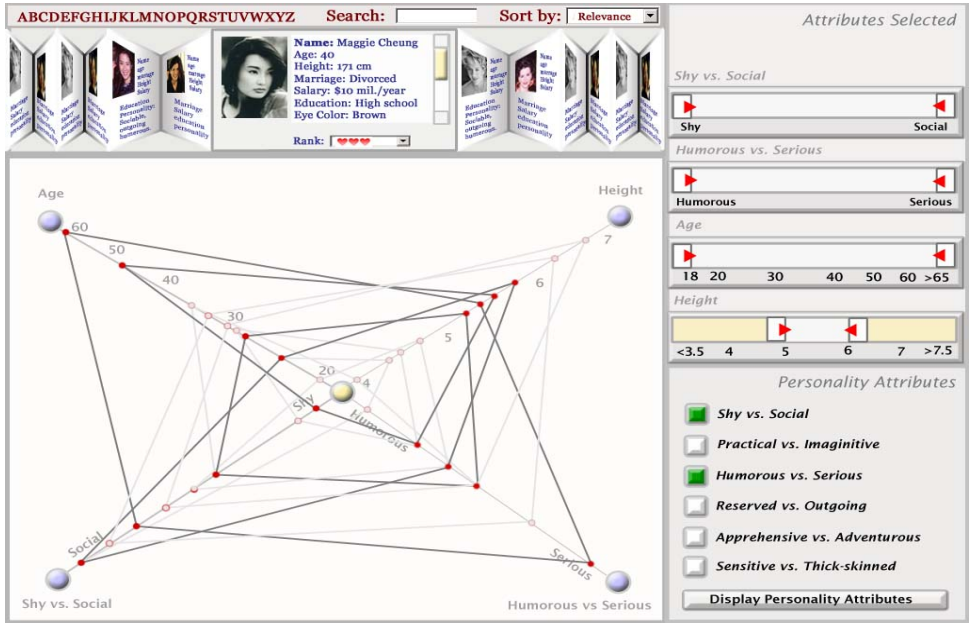




Winter 2017

- Human-Computer Interaction (9521B)
  - Conceptualization, design, and evaluation of computational tools that support and facilitate human activities

Dating software



Winter courses

- Evaluation for CS9639b & CS9521b will be decided later on