Program
Day 1 - Wednesday, January 24, 2018
Jacob Slonim Conference Room (430), Goldberg Computer Science Building

[10:30AM] Registration

[11:30AM] Opening Remarks
Co-Hosted by Dr. Andrew Rau-Chaplin, Dean

[11:45AM] Keynote (CS 6999 eligible)
“Privacy and Ethical Issues in Big Data: Current Trends and Future Challenges”
Dr. Sébastien Gambs, Université du Québec à Montréal (UQAM)

[1:00PM] Women in Technology Society (WiTS) Luncheon

[2:30PM - 3:30PM] Presentations – Bioinformatics
“The Joy of Graphing with Dr. Bob Beiko”
Dr. Robert Beiko, Faculty Presentation
“Ontologies: How to avoid the tower of Babel”
Elvira Mitraka and Robert Beiko
“RADProc: A computationally efficient and faster de novo locus assembler for population studies using RAD-seq data”
Praveen Nadukkalam Ravindran, Paul Bentzen, Ian Bradbury and Robert Beiko

[3:00PM] Coffee Break

[4:00PM] Presentations – Human Computer Interaction
“Persuasive Computing: Designing Interactive Systems to Promote Health and Wellness”
Dr. Rita Orji, Faculty Presentation
Day 2 - Thursday, January 25, 2018
Jacob Slonim Conference Room (430), Goldberg Computer Science Building

[11:15AM]
Registration

[11:30AM]
Presentations – Natural Language Processing
“How 140 Characters Fits Into The 2017 Elections In Gujarat, India”
   Hariharan Ramesh and Stacey Taylor
“Regional Language and Dialect Visualization using Twitter Data and Character N-gram Analysis”
   Kenneth Power, Vlado Keselj and Dijana Kosmajac.
“Automatic Summarization of CLSA data”
   Dhivya Jayaraman and Vlado Keselj

[12:30AM]
Snack Break

[1:00PM]
Presentations – Bioinformatics
“Phylogenetic clustering of genes based on evolutionary history”
   Chaoyue Liu, Benjamin Wright, Emma Allen-Vercoe, Hong Gu and Robert Beiko
“BayeHem: Bayesian Optimisation of Genome Assembly”
   Finlay Maguire
“Putting the Pieces Together: Time-Series Clustering for Metagenomic Binning”
   Michael Hall and Robert Beiko

[2:20PM]
Coffee Break / Networking
[2:30PM]
DCSI Panel Discussion
   Dr. Nur Zincir-Heywood, Faculty of Computer Science, Dalhousie University
   Dr. Darren Abramson, Department of Philosophy, Dalhousie University
   Dr. Jonathan Penny, Faculty of Law, Dalhousie University

[4:00PM]
Industry Networking/ Poster Presentations/ Reception Event
List of Posters:
“Visualizing fishing activity with Datashader and Cesium”
   Johna Latouf, Erico N. De Souza and Stan Matwin.
“Evaluation of Machine Learning models for Patient Data De-identification in clinical records”
   Yamani Kakarla, Aaron Gerow and Stan Matwin.
“The Incremental Learning of Maritime Stopping Areas using HDBSCAN for Naval Command and Control”
   Matthew Smith
Day 3 - Friday, January 26, 2018
Jacob Slonim Conference Room (430), Goldberg Computer Science Building

[11:15AM]
Registration / Coffee Break

[11:30AM]
Flash Talks
“Bitcoin Forecasting Using RSTAN?”
   Oliver Dechant
“STD PONG: An African-Centric Persuasive Game for Risky Sexual Behaviour Change”.
   Chinenyi Ndulue.
“Security, a continuous process of learning”
   Victor Popoola
“Innovating as a Student: Experiences from Google and Stanford”
   Yaser Alkhayal
“A comparative analysis of electronic commerce sales volume between China and North America”
   Nazia Asad

[12:00PM]
Presentations – Human Computer Interaction
“Measuring Mind Wandering During Human-Computer Interactions”
   Colin Conrad
“Space for HCI: exploring the relationship between the built environment and human-computer interaction”
   Dr. Derek Reilly, Faculty Presentation

[1:00PM]
Pizza Lunch

[2:00PM]
Presentations – Software Defined Networks
“Experimental Evaluation of Two OpenFlow Controllers”
   Dr. Issrat Haque – Faculty Presentation
“A Practical Adaptive Search Tree for Locally Self-Adjusting Software Defined Networks (SDN)”
   Samuel Champagne-Turcotte and Padraec Robinson
[2:40PM]
Closing Remarks and Presentation of Prizes

[7:00PM]
Geek Beer / DCSI After Party