



DCS UNDERGRADUATE SUMMER RESEARCH POSTER SESSION

THURSDAY, AUGUST 30, 2012

10:00 am—12:00pm

ROOM: BA3200

FEATURING:

- **Algorithms for Medical Imaging**

Presented by: Mehrdad Shahi, Rinat Abdrashitov (*Supervisor: Ken Jackson*)

- **Classroom Response System for Introductory CS Courses**

Presented by: Olessia Karpova, Yuliya Chernkova (*Supervisor: Andrew Petersen*)

- **BikeIT**

Presented by: Michael Andrae (*Supervisors: Daniel Wigdor, Ricardo Jota*)

- **Randomized Forests for Image Feature Density Modelling**

Presented by: Shunana Zhao (*Supervisor: Allan Jepson*)

- **Online Python Tutor (CrunchyCow)**

Presented by: Aneeta Lutfie, Sajjad Khakoo, Ika Alzhikeyeva, Mary Malit (*Supervisors: Paul Gries, Andrew Petersen*)

- **Numerical PDE Methods for the Free-Boundary Problem Arising in American Options**

Presented by: Pedram Adibi (*Supervisor: Christina Christara*)

- **GENEMANIA Plugin for MedSavant**

Presented by: Khushi Chachcha (*Supervisor: Michael Brudno*)

- **Genotype Analysis of Baker's Yeast Strains**

Presented by: Tom Blazejewski, Tim Lau (*Supervisors: Philip Kim, Recep Colak*)

- **Using Partial Enumeration Greedy for the Diversification Problem**

Presented by: Tyrone Strangway (*Supervisor: Allan Borodin*)

- **Detecting Novel Alu Inserts in Illumina Sequencing Data**

Presented by: Harun Mustafa (*Supervisor: Mike Brudno*)

All are welcome! Refreshments will be served.

