Math & Computer Science

UNIVERSITY OF LETHBRIDGE

DEPARTMENT NEWSLETTER

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NSERC AWARD RECIPIENTS—CONGRATULATIONS

Robert Benkoczi

Shahadat Hossain

Habiba Kadiri

Nathan Ng

Micah Tigley—Tech Woman!

Micah joined the department in January, as this year's co-op student working in the position of systems assistant to Trent. Her smile is warm and welcoming, and only matched by her willingness to help those of us who cannot function without tech support! Micah is a computer science major, hoping to graduate in 2016 with a BSc in Computer Science. Her future plans? "*I want to pursue a career in database administration after graduating*."

We wish her much success in her goal.

INCOMING & OUTGOING

UMAIR ARIF

Master's (computer science) with Robert Benkoczi

Umair is by far one of the friendliest and most positive people to grace our department, and we welcome him for the next two years as he undertakes his Master's studies in computer science.

We congratulate the following, as they move on to bigger and better things:

FARSHAD BARAHIMI
defended his BSc (computer science) on 20 April 2015
"*Web-based Drawing Software for Graphs in 3D and Two Layout Algorithms*"
Committee: Steve Wismath (supervisor); Robert Benkoczi and Joy Morris (supervisory committee members); Howard Cheng (examination committee chair)
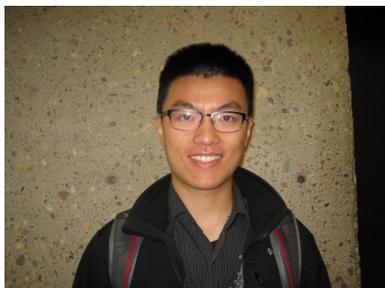

A.F.M. SULTANUL KABIR
defended his BSc (computer science) on 24 April 2015
"*Efficient and Secured Rekeying Based Key Distribution in Wireless Sensor Architecture with Arduino and XBee*"
Committee: Hua Li (supervisor); Gonbing Shan and Robert Benkoczi (supervisory committee members); Howard Cheng (examination committee chair)

YE WANG
defended his BSc (computer science) on 27 April 2015
"*A Wireless Sensor System for the Training of Hammer Throwers*"
Committee: Hua Li and Gongbing Shan (co-supervisors); Robert Benkoczi and Wenlong Yuan (supervisory committee members); Howard Cheng (examination committee chair)

DAY OF MATH 2015 / KANGAROO 2015

March 29, 2015—the annual Day of Math 2015 for high school students and Kangaroo 2015, for children of all grade levels.

MYRTLE RUTH BODIE SCHOLARSHIP IN MATHEMATICS

Thanks to the generosity of Myrtle Ruth Bodie, scholarships in Mathematics will be made available annually to four undergraduate students and one graduate student, who are continuing their studies in math during the succeeding year. Each undergraduate recipient must be on the current Dean's Honour List, write a composition as to why they should be selected, and be confirmed as a full-time, continuing student. Graduate students must meet the same requirements, but do not need to be included in the Dean's Honour List.

The generous scholarships of $1,000 each were awarded near Pi Day to the following recipients:

Kirsten Wilk, Erin Hunter, Brandon Fuller and Kai Fender

Department seminars, colloquia, conferences
www.uleth.ca/artsci/math-computer/science/events

Lethbridge Number Theory & Combinatorics Seminar Series (Mondays, noon):

- January 12—Open Problem Session

- January 19—Nathan Ng: A subconvexity bound for modular L-functions (part 1)

- January 26—Nathan Ng: A subconvexity bound for modular L-functions (part 2)

- February 9—Nathan Ng: Gaps between the zeros of the Riemann zeta function

- March 23—Tristan Freiberg (University of Missour): Square totients

Optimization Seminar Series (as scheduled):

- January 28—Rishi Ranjan Singh (Indian Institute of Technology Ropar)
  Culumative vehicle routing problem: a column generation approach

- March 11—Sherin Abdelhamid (Queen's University)
  Towards provisioning vehicle-based information services

Other:

- March 29—Kangaroo Competition 2015

- March 29—Day of Math 2015