Titles of Projects for April 2008   **(With Supervisors in Parenthesis)**

"The Dubins Car"
David Burr, Joshua Fletcher and Victoria Wang (A Lewis)

"Decentralized Sensing And Control For A Two-Controller System"
Zeina Nasrallah and Sara Parhizgari (S. Yuksel)

"Robust Formation Control And Directed Growth for Swarms
   of Autonomous Mobile Agents"
Sarah Ferguson and Dyana Szibbo (A. Lewis)

"Multi-Frequency Riometer"
Sean Huberman, Ryan Steele and Edward Tan (D. Thomson)

"CT Image Segmentation Using Level Set PDEs"
Nona Movahedi (A.-R. Mansouri)

"Region Tracking Over An Image Sequence"
Dana Awamleh, Jeff Calder and Allan MacAulay (A.-R. Mansouri)

"Motion-Based Image Segmentation Without Motion Computation"
Kevin Campbell, Philippe DePass and Dustin Freeman (A.-R. Mansouri)

"Motion Segmentation Without Explicit Motion Computation"
Justin Charbonneau, Chris Morley and Omri Spirman (A.-R. Mansouri)

"Constellation Design And Source Adaptive Modulation For Memoryless
   Non-Uniform Sources"
Matthew Chivers and Stephan Trusevych (F. Alajaji, G. Takahara)

"Optimal Random Deployment Of Relay Nodes In Wireless Sensor Networks"
James Wood and Jeremy Frank (G. Takahara, T. Linder)

"Classifying The Magnitude Of Load Lifted"
Kyle Cassidy and Ben McLeod (S. Reid, G. Takahara)

"Renewable Energy Systems In The Tea Room"
Dessislava Daskalov and Carly Nichols (M. Guay, K. Karan, J. Pharoah)

"Design of Optimization Based Knee Model For Estimating Joint Contact Forces"
William Cook, Patrick Darby and Thomas Flynn (K. Deluzio, A. Lewis)

"Bifurcating And Blooming Jets"
Bryan Fishbein and Carl Johansson (A. Pollard)

"Texture Analysis Of Clinical CT Scans Of Trabecular Bone"
Akira Jones (J. Bryant, A. Thompson)

"Development And Verification of A Building Energy Model of Beamish-Munro Hall"
Evan Sterling (L. Bisby, N. Kashyap)