Stephanie Claussen (EECS) has been selected for the National Academy of Engineering’s Frontiers of Engineering Education symposium. Faculty members who are developing and implementing innovative educational approaches in a variety of engineering disciplines will come together for the 2-1/2-day event, where they can share ideas, learn from research and best practice in education, and leave with a charter to bring about improvement in their home institution. The attendees were nominated by NAE members or deans and chosen from a highly competitive pool of applicants. The symposium will be held Oct. 26-29 in Irvine, Calif. The full release is available here: [link](#).

Ozkan Celik (ME) has published two manuscripts. The manuscript titled “Systematic review of Kinect applications in elderly care and stroke rehabilitation” appeared in the Journal of NeuroEngineering and Rehabilitation and ranks 1st among 231 articles in this journal tracked by Altmetric, a tool that “measures the quality and quantity of online attention that this article has received.” The second manuscript titled “Vary Slow Motion: Effect of Task Forces on Movement Variability and Implications for a Novel Skill Augmentation Mechanism” appeared in the September issue of IEEE Robotics and Automation Magazine.

Ozkan Celik (ME) co-authored a book chapter titled "Robotics as a Tool for Training and Assessment of Surgical Skill" in the book Computational Surgery and Dual Training: Computing, Robotics and Imaging. The chapter discusses derivation of meaningful and objective quantitative performance metrics from motion data and covers, as one example, how such quantitative measures derived for the robotic stroke rehabilitation domain correlate strongly with clinical measures of motor impairment.

Ben L. Fryrear Assistant Professor DJ Yang (EECS), who joined Mines in Fall 2013, has received a second grant from the National Science Foundation in the past month. This 3-year project ($500K) is collaboration with Ming Li (and two others) at Utah State University. The project aims to develop a crowdsourcing-based framework for etiquette and rule enforcing in dynamic spectrum sharing environments.

In this past year, the Humanitarian Engineering Program has successfully updated its curriculum, mission and vision. Hence they would like to celebrate this milestone with competitions for their program’s logo and slogan and would like to invite you to participate! For the announcement on this logo/slogan competition, please click [here](#).

Xiaoli Zhang’s (ME) graduate student Songpo Li (ME) received the Colorado Innovation S.T.A.R.S. challenge award for “Best Technical Achievement” at the college level during the JeffCo Innovation Faire Sept. 12. Li’s research project, “Gaze-Driven Automated Robotic Laparoscope System,” allows surgeons to interact with the laparoscopic vision easier and more naturally using their gaze, while freeing both their hands for manipulating the surgical instruments in laparoscopic surgery.

Anthony Petrella (ME) received a $316,525 grant from BD Medical for his project, Development of Modeling Strategies to Simulate Need Penetration into Skin and Rubber-Like Materials.

Applied Mathematics & Statistics – 3 pm, Chauvenet 143
10/3: “Transient Transmission Problems with Integral Methods,” Francisco Sayas, University of Delaware

Civil & Environmental Engineering – 12:30 pm, Coolbaugh 219
10/16: Noah Molotch, CU Boulder
10/30: Greg LeFevre, Stanford

Electrical Engineering & Computer Science
10/2: 4 pm, Brown Hall W280
“Thinking on your Feet: Reinforcement Learning for Incremental Language Tasks”, Professor Jordan Boyd-Graber, University of Colorado Boulder
10/9: 4 pm, Brown Hall W280
“Robust Compressed Sensing: How undersampling introduces noise and what we can do about it”, Professor Galen Reeves, Duke University
10/30: 10:00 am, Brown Hall W475
“Real-time In-situ Seismic Imaging with Sensor Networks”, Dr. Wen Zhan Song, Georgia State University

Mechanical Engineering – 4 pm, Brown Hall W250
10/13: Alan Rudolph

Humanitarian Engineering – 4pm M222
10/15: Shultz Family Leadership in Humanitarian Engineering speaker series, Dr. Nicole Smith. Dr. Smith will share her research analyzing the opportunities to connect CSR with artisanal and small-scale mining, one of the biggest challenges facing major corporations operating in the developing world.