

CAPSTONE PROJECTS 2014-2015

- Ana Caudillo, Mentor: Gretchen Frey, MD, Ob/Gyn at HealthMark Integrative Medicine Practice, *'FDA approved 4700 Drug effects on hot flashes in postmenopausal women: A randomized controlled trial'*
- Caitlin Osborn, Mentor: Nate Hibbs, DO, Emergency physician in Adventist Hospitals, *'Marijuana related emergency department visits in a state with legalized marijuana'*
- Lisa Rocchio, Mentor: J. Tod Olin, MD, Dept Pediatrics/Division of Pulmonary Medicine, National Jewish Health, *'Developing a patient-centered outcome for exercise-induced laryngeal obstruction'*
- Tawnee Zuniga, Mentor: Kern Buckner, MD- Chief Division of Cardiology/Dept Medicine, National Jewish Health, *'Left atrial morphologic and functional response to pulmonary hypertension pharmacologic therapy'*

CAPSTONE PROJECTS 2015-2016

- Holly Fleming, Mentor: Kern Buckner, MD, Chief Division of Cardiology/Dept Medicine, National Jewish Health. *'Acute hyperoxic challenge is associated with improved pulmonary elastance in chronic obstructive pulmonary disease-associated pulmonary hypertension'*
- Samantha Iazzetta, Mentor: Richard Reading, PhD, Conservation Director at Southern Plains Land Trust (former Director of Conservation Biology, Denver Zoological Foundation) *'Andean Condors, The Peruvian Yawar Fiesta and the issues it raises'*
- Alexandra Sandberg, Mentor: Michael Pearlman, MD, PhD, Neuro-Oncology and Pediatric Neurology, Blue Sky Neurology, *'Cerebral blood flow & disease: hyper-perfusion in the thalamus of patients with suicidal behaviors'*
- Jamie Schutte, Mentor: Reginald Stilwell- Manager, Research & Development-Technology, AlloSource, *'Intellectual property portfolio valuation model for a biotechnology company'*
- Elizabeth Seredinski, Mentor: Nate Hibbs, DO- Emergency physician in Adventist Hospitals. *'Critical assessment of attitudes towards SANE program by participant sexual assault victims'*
- Shayla Shell, Thomas Noonan, MD- Sports Medicine/Orthopedic surgery physician at Steadman Hawkins Clinic-Denver, *'Shared knee injuries involving anterior cruciate ligament tears in young female athletes'*

CAPSTONE PROJECTS 2016-2017

- Yashar Benham, Mentor: Chadd Clary, PhD, Dept Mechanical & Materials, University of Denver, *'Impact of intra-operative knee motion and lipid marrow infiltration on cemented tibial base fixation strength among four competitive designs in post-mortem specimens'*
- Shiema Elhussen, Mentor: Jeffrey Truell MD, Pathology, Swedish Medical Center *'Classifying and treating lung cancer'*
- Ted Groff, Mentor: Tami Mullen, Program Manager & Toxicologist and Roberta Smith, Occupational Health Program Manager, Colorado Department of Public Health & Environment

‘Respirable crystalline silica exposures during hydraulic fracturing are reduced through implementation of an engineering control for sand delivery’

- Bryan Pham, Mentor: Dan Savin, MD, Department of Psychiatry, University of Colorado School of Medicine. *‘Risk and protective factors in mental health outcomes of second-generation Asian Americans’*
- Julia Wachs, Mentor: Haley Chiado, PA, HealthMark, *‘How beneficial are alternative stress reduction techniques in alleviating the physical symptoms associated with menopause?’*