10 am section

February 11, 2014

**Addiction Medicine/Pharmacology**
Henry Broderick, *Salvinorin A: physiological effects*
David Dufour, *Ethylene glycol toxicity*
Ryan Scott, *Effects of methamphetamine exposure in utero on child development*
Sophia Tarzaban, *Newly-emerging designer drugs of abuse*

**Cancer**
Brian Duke, *Exercise effects in cancer patients*
Conor Brody, *Nanodiamond delivery of tumor-suppressing drugs*
Emily Schaffer, *Can kava root cure cancer?*

February 25, 2014

**Gastroenterology & Nutrition**
Michael Tomcal, *Human gut microbiome & C. difficle*
Kimberly Lerner, *Green tea & cancer*
Hanna Moore, *Gluten: a new public enemy?*
Delaney Butler, *Non-celiac gluten sensitivity*
Holli Davis, *Proton-pump inhibitors & acid-related diseases*

**Special Topics**
Chelsea Dyson, *Chronic idiopathic thrombocytopenic purpura in adults*
Marcus Largent, *Mindfulness-based stress reduction & post-operative recovery*
Alice Rear, *Mechanisms of deregulation in insulin signaling: the role of PI3K*

March 4, 2014

**Neuropathology I**
Harrison Fontaine, *Alzheimer’s disease: review of pathology*
Alexandra Small, *Alzheimer’s disease & brain effects*
Emma Gowdy, *Drug-free prevention of Alzheimer’s disease*

**Neuropathology II**
Angela Jacobs, *Parkinson’s disease*
Bodie Ebergeny, *Chronic traumatic encephalopathy in athletes*
Madeline Cresswell, *Myasthenia gravis: causes, symptoms & solutions*
2n section

February 11, 2014

Neuropathology I
Derek Smith, *Alzheimer’s disease & cholesterol*
Matthew Ta, *Alzheimer’s disease & vitamin E*
Haritareddy Lakireddy, *Multiple sclerosis: CNS effects & treatments*
Lindsay Powell, *Phantom-limb pain: mechanism & treatment*
Jennifer DuFour, *Ketamine as a treatment for severe depression & anxiety*

Addiction & Pharmacology
Lindsay Goff, *Alcohol & pancreatic function*
Leigh Martin, *Hypnosis as a treatment: PTSD, drug addiction, pain & cancer*

February 25, 2014

Nutrition as Therapy
Dylan Haynes, *B vitamins & neurological function*
Bryanna Houdeshell, *PMS relief with vitamin B₆ & magnesium*
Soo Kyung Hwang, *Antioxidants in treating chronic Chagas disease cardiomyopathy*

Immunology & Cancer
Matthew Boehmer, *Glymphatic system*
Carly Celebrezze, *Airway mucus hypersecretion in childhood asthma*
Aimee Schultz, *Carcinogenic effects of ionizing radiation*

March 4, 2014

Exercise Physiology & Pregnancy
Christopher Jentzsch, *Exercise during pregnancy*
Megan Simmons, *Universal screening for hypothyroidism during pregnancy*
Ellie Vanderhei-McMahon, *Undiagnosed celiac disease & issues with pregnancy*
Jacob Moore, *Pre-workout & exercise*

Special Topics: Pathology
Justine Grossman, *Obstructive sleep apnea (OSA)*
Julia Metzler, *Spontaneous pneumothorax*
Brian Tessman, *The bionic pancreas: a new cure for type I diabetes mellitus?*
2 pm section

February 11, 2014

Neurophysiology & Developmental Pathology
Brandon Beckman, *Head trauma & neurodegenerative disorders in professional athletes*
Christopher Colasurdo, *Omphaloceles in newborns*
Kristy Kim, *Ketamine & neurotoxicity*
Lauren Hotell, *Brain games & improving cognitive function*
Allegra Norton, *Does maternal stress during pregnancy impact offspring?*

Orthopedics & Exercise Physiology
Samuel Frost, *Treatments for lumbar spinal stenosis*
Christopher Gronseth, *Caffeine & aerobic exercise*

February 25, 2014

Addiction Medicine & Pharmacology
Manning Walker, *Antipsychotic medication and metabolic dysfunction*
Zachary Cinti, *Alcohol dangers for the human body*
Amaya Drake, *Cocaine cardiovascular effects*

Nutrition & Pathology
Christine Betlinski, *Gluten sensitivity and intolerance*
Anthony Steingrobe, *Sugar addiction & obesity*
Calvin Summers, *Obesity & gut microbiota*
Bryan Toft, *Nutrition & cognitive function*
Mary-Ann Dobrota, *Maternal malnutrition & fetal programming of disease*

March 4, 2014

Cardiovascular Physiology
Jennifer Loge, *When the heart fails*
Campbell Patterson, *Biosynthetic prosthetic heart valves*

Immunology
Lucas Einhorn, *Guillain-Barré syndrome*
Ruchira Khosavanna, *Human immunodeficiency virus (HIV) & new medications*
Juliana Weiss, *Flu vaccine controversy*