10 AM Section

February 17, 2015
Neuropathology & Pain Management
Jessica Daniel, Placebo effect & pain analgesia
Justin Perry, Phantom limb & intermittent pain
Bryce Winkelman, Amphetamines & attention deficit disorder

Brain Pathology & Special Treatments
Kyle Haggerty, Pre-conditioning the brain for stroke
Kelly McMullen, Autism & early intervention
Laura Preston, Traumatic brain injury & degenerative neurological disorders
Yesenia Avellaneda, Traumatic subarachnoid hemorrhage
Justin Ross, Transcranial direct current stimulation
Alexis Webb, Sleep & the glymphatic system as homeostatic mechanisms

February 24, 2015
Immunology, Molecular Mechanisms & Cancer
Shatgul Abulikemi, Psoriasis arthritis & etanercept treatment
Teale Andreason, Physiological basis of skin cancer due to tanning bed use
Jared Richardson, Molecular mechanisms of myotonic dystrophy type I

Reproductive Physiology/Special Topics
Brandon Winwood, Pre-eclampsia & eclampsia
Emmil Zarrugh, Birth control pills & hypertension
Caitlyn Hazlett, Extracorporeal membrane oxygenation
Vissu Lakireddy, Sexual attraction & arousal in humans
Emily Kihn, TBA

March 3, 2015
Nutrition & Pathology
Omar Maqueda, High-fructose corn syrup & health
Meg Free, Is sugar acting as a harmful drug?
Briana Jones, Vitamin D deficiency & multiple sclerosis
Josef Khalifeh, Dairy consumption & dementia
Stefani Aleman, Death before decaf: your body & caffeine

Exercise Physiology & Supplementation
Kyle Kaneko, Whey protein & resistance training
Grant Frost, Warm-up styles & effects on physical performance
Goldis Faghihi, Usnic acid promotes weight loss & hepatotoxicity
Katy Cheung, Beta-hydroxy-beta-methylbutyrate (HMB) & strength training
February 17, 2015
Pharmacology & Addiction Medicine
Casey Magis-Agosta, Depression & suicide risk among pediatric patients taking SSRIs
Hannah Graham, Alcohol hangover mechanisms
Erinn Tempelis, Adderall misuse & its impact on the brain
Ana Biggs, Abusing vicodin
Connor Hesse, Alcoholic cardiomyopathy

Molecular Pathology
Nardos Tadesse, Implications of defective vesicle transport
Randi Weltzin, Fecal microbiota transplantation as a treatment for Clostridium difficile infection
Matt Marion, Huntington’s disease

February 24, 2015
Cancer & Immunology
Roselily Trang, The effects of chemotherapy drug taxol on specific cancers
Caitlin Kurz, Exercise & cancer prevention
Emily Shultz, Celiac disease compared to non-celiac gluten sensitivity
Hannah Saraceno, Narcolepsy: an autoimmune disease

Neurology & Special Treatments
Stephen Moran, Brain arteriovenous malformation treatment & outcomes
Lindsey Lambert, Is dimethyl fumarate a safe, effective treatment for multiple sclerosis?
Brittanie Stinson, Bipolar disorder & treatments
Joseph Enea, TBA/Dopaminergic systems

March 3, 2015
Special Topics
Morgan O’Connor, Premature birth & its consequences
Chris Massey, Vocal cords in performers: damage, maintenance & repair

Nutrition, Metabolism & Sports Physiology
Kaitlyn Choy, Essential amino acids & muscle atrophy prevention
Ty Swain, Spondylisthesis rehabilitation & complication
Jane Chen, Anti-diabetic effects of bitter melon
Jane de Leon, Nutrition/TBA
2 pm Section

February 17, 2015
Endocrinology, Metabolism & Pathology
Emma Kleck, Vitamin D mechanisms in preventing type I diabetes
Joseph Nathanson, Type II diabetes & cardiovascular disease in developing countries
Steven Evans, Adrenal cortical carcinoma
Leah Snyder, Estrogen & breast cancer

Addiction Medicine & Pharmacology
Haylee Metzner, Liver cirrhosis due to alcohol
Jessie Wallace, Effects of marijuana on cognitive function
Patrick Moxon, Are e-cigarettes a healthy alternative to tobacco cigarettes?
Rhea Costantino, Physiological effects of caffeine

February 24, 2015
Neuropathology & Molecular Biology
Tyler Gimenez, Cerebral fluid management & high-altitude cerebral edema
James Bruno, Amyloid beta precursor protein & Alzheimer’s
Simone Prather, Stem cells & regenerative medicine
Daniel Stone, Neurobiological theories of autism development
Austin F. Horn, Type 3 diabetes: new face of Alzheimer’s & treatment strategies

Pathology/Special Topics
Kevin Rodriguez, Wolf-Parkinson-White syndrome & treatments
Caitlin Nichols, Congenital insensitivity to pain with anhidrosis
Parham Diba, Enteric nervous system development & hirschsprung disease
Rory Train, Splenic constriction & the mammalian dive reflex

March 3, 2015
Nutrition & Exercise
Kheam Noradeen, How does consuming too much protein affect us as humans?
Hannah Olds, Protein ingestion & muscle recovery
Matthew Dracker, Chocolate milk as post-recovery fuel
Junwei Zhu, Addiction to sugar
Gabrielle Lewis, Antibiotic resistance from meat
Lacie Watson, Cooked/smoked cow meat carcinogens