

## 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*

## 12 N Section

**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, *Spondylolisthesis 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*