10 am Discussion/Lab Section

February 16, 2016

**Addiction Medicine & Pharmacology**
Denise Bahena, *Alcohol effects on a human embryo*
Rodrigo Corcuera, *Adderall & academics*
Jasmine Hammerstad, *Alcoholic Wernicke-Korsakoff syndrome (WKS)*

**Neurology & Sensory Physiology**
Callie Porter, *Concussion to dementia*
Hannah Smith, *Cochlear implants in children & adults*
Rahwa Tsegay, *Progressive supranuclear palsy*
Mallory Blake, *Potential cure for age-related vision loss*

February 23, 2016

**Endocrinology & Metabolism**
James Bonaparte, *New age of artificial pancreases in type I diabetes*
Alysia Lovemark, *Stress & metabolic syndrome*
Stephanie Mayer, *Food addiction & diabetes*
Thalia Padilla, *Metformin increases AMP-activated kinase & improves type II diabetes*
Destiny Magallanes, *Muscle metabolism*

**Molecular Medicine**
McKinna Tillotson, *Future of hydrogen sulfide in medicine*
Brian Mcree, *Sirtuins & aging*
Mandi Severson, *RNA polymerase*
Avery Ballato, *Mitochondria & free radical damage*

March 1, 2016

**Nutrition**
Tracy Nguyen, *Does an apple a day keep the doctor away?*
Paul Pham, *Carbohydrate intake & muscle fatigue*
Kristen Tamanaha, *Breast-feeding & osteoporosis*
Avery Gary, *Artificial sweeteners & metabolic functioning*

**Exercise Physiology**
Rebecca Chavez, *The Orange theory workout & its benefits*
Travis Neuman, *Effects of endurance running on health: Is running health?*
Ainsley Taylor, *Caffeine effects on memory & exercise*
12 n Discussion/Lab Section

February 16, 2016

Addiction Medicine
Zach Campbell, *Physiological & genetic predispositions to alcoholism*
Chase Porteous, *Electronic cigarette: vegetable glycerin vaporizes*
Vince Thomas, *Resurgence of MDMA (Ecstasy) among young adults*

Neurobiology & Sensory Physiology
Serena Violet, *Schizophrenia & neurotransmitter receptor dysfunction*
Ellen Price, *Traumatic brain injury: detection & treatment*
Patrick Reichhold, *Physiology of central nervous system fatigue*
Andy Kunis, *Sleep deprivation & cognitive & physical performance*
Will Fitzgerald, *Neuroanatomy of ADHD & pharmacology of stimulant drugs*
Ashley Arts, *Amyotrophic lateral sclerosis (ALS)*

February 23, 2016

Endocrinology & Reproduction
Kory Christoffersen, *Serpin B1 & type I diabetes*
Darrel Phong, *Irisin: Exercise-induced hormone & key to fighting obesity & diabetes*
Asa Di Carlo, *Cesarean section outcomes*

Genetics & Molecular Medicine
Jocelyn Taylor, *Effects & consequences of antibiotics on commensal microbiota*
Tom Peckenham-Hernandez, *Cystic fibrosis: physiology & future*

March 1, 2016

Cardiovascular Physiology & Immunology
Kevin Lai, *Underlying mechanisms of broken-heart syndrome*
Patrick Brown, *Potential applications of immune mechanisms in analgesia*
Mernil Madarang, *Red wine & cardiovascular disease*

Sports Medicine
Thomas Forman, *Compartment syndrome: causes, symptoms & treatment*
Wing Ng, *Foam rolling & athletic performance benefits*
Chase Kearney, *Performance-enhancing drugs in sports*
2 pm Discussion/Lab Section

February 16, 2016

Addiction Medicine & Pharmacology
Chloe Meyere, Cannibidiol & cancer
Kara Cheung, Cannabis & Parkinson's disease
Mitchell Rezzonico, Marijuana as an asthma treatment
Sophia Courgen, First-, second- & third-hand smoke exposure
Sadie Manley, Antidepressant use during pregnancy
Blair Dozois, Exercise as treatment for substance abuse

Neurobiology & Sensory Physiology I
Allie Gonzalez-Gallo, Neurobiology of food addiction
Samantha Sheffels, Neuroplasticity and Alzheimer's disease prevention

February 23, 2016

Neurobiology & Sensory Physiology II
Asma Lotfi, Alzheimer's disease & potential for stem cell rescue
Meglyn Huber, Attention-deficit hyperactivity disorder & prescription stimulants
Rob Lubenow, Complex regional pain syndrome
Tyler Gong, Concussions
Ha Eun Kim, Using non-invasive brain stimulation (tDCS) to treat neurological disorders

Endocrinology & Reproduction
Paxton Nielsen, Diabetes mellitus and benefits of blood factors during dieting
Alexis Fields, Optimal gestational age for fetuses with cardiac anomalies

March 1, 2016

Genetics & Molecular Medicine
Pierce Prozy, Benefits of carrying the HbAS gene
Ben Song, Artemisinin combination therapy
Julien Louradour, Connexin 43 & wound healing
Jared Steele, Statin therapy & coronary artery disease
Jamie Campbell, Fecal microbiota transplantation

Nutrition
Jessica Aldrich, The gluten spectrum
Becky Chan, Coffee and alertness: caffeine at the cellular level
Thomas Crawford, Caffeine effects in those addicted