New Federal Grants Awarded

Calendar Year 2010 (alphabetically, by PI)

S. Andersen: R01
Early drug exposure and drug reward mechanisms

D. Balu: F32
Molecular Mechanisms of Dendritic Abnormalities Related to D-Serine Deficiency

C. Beguin: R03
Kappa opioid antagonists: synthesis, potency, selectivity, and time-course

J. Bergman: R01
Candidate Medications for Cannabis Addiction: FAAH Inhibitors

V. Bolshakov: R01
Synaptic mechanisms in extinction of conditioned fear

V. Bolshakov: R03
Functional role of vesicular zinc in synaptic mechanisms in the amygdale

E. Chartoff: R01
Role of dopamine signaling in the mood-related effects of salvinorin

AM. Copersino: K23
Multimodal Brain Imaging of Functional Neurodynamics in Cocaine Dependence

B. Frederick: S10
4 Tesla MR Spectroscopy Console Upgrade

B. Frederick: R21
Real time near infrared spectroscopy of the frontal lobe for Neurofeedback

B. Frederick: R21
Realtime Near Infrared Spectroscopy of the Frontal Lobe for Neurofeedback

M. Hall: K01
Functional Characterization of Risk Variants for Psychotic Illness in the GWA Er

E. Jensen: R21
Proton Echo-Planar Spectroscopic Imaging of GABA, Glutamate/Glutamine at 4 Tesla

R. Karmacharya: K08
Wnt/GSK3/ beta-Catenin Signaling as a Target for Treatment of Bipolar Disorder

K. Kim: R01
Protein-induced human iPScells for personalized cell therapy for PD

K. Kim: RC4
Patient-specific and universal donor blood cell from protein-induced iPScells
N. Mello: R01
Sex/gender and nicotine addiction: hormones, behavior and neuroimaging

K. Myers: K01
NMDA receptor-mediated plasticity in extinction of conditioned opiate withdrawal

G. Noam: NSF
Empirical-Development of an Observation Tool for the Informal Science Field

U. Rudolph: R21
Generation of etiological models for schizophrenia by chromosome engineering

M. Silveri: R01
Neurobiological consequences of binge alcohol consumption in young adults

M. Silveri: R21
Sex Differences and Alcohol Dependence: Hippocampal Neurochemistry and Function

M. Teicher: R01
Sensitive Periods, Brain Development and Depression

M. Thomsen: K99
Elective muscarinic receptor ligands as targets for cocaine addiction medication

D. Pizzagalli: R01
NeuroimagingStudies of Reward Processing in Depression

R. Weiss: U10
The National Drug Abuse Treatment Clinical Trials Network (U10)

Calendar Year 2011, Year to Date

S. Berretta: R01
Disruption of Extracellular Matrix-Glial Interactions in Schizophrenia

K. Hill: K99
Nabilone for Cannabis Dependence: Imaging and Neuropsychological Performance

A. Janes: K01
Training in Cognitive Function and Neuroimaging of Smoking-Related Cues

S. Kilgore: Army
Effects of Bright Light Therapy of Sleep, Cognition, Brain Function, and Neurochemistry in Mild Traumatic Brain Injury

E. Lewandosky: K23
Efficacy of a Cognitive Remediation Treatment Program for Bipolar Disorder

S. Licata: R03
Neurochemical Substrates of Sedative/Hypnotic Action:Proton MRS Studies
H. Pope: R01
Medical Consequences of Long-Term Anabolic-Androgenic Steroid Abuse

A. Vasudevan: R01
The Autonomous Roles of Periventricular Angiogenesis in the CNS

Calendar Year 2012, Year to Date

W. Carlezon: R56
PACAP signaling in stress and anxiety.

Y. Chen: R01
Face processing systems in schizophrenia spectrum disorders.

S. Chung: R21
Isolation and characterization of midbrain dopaminergic neuronal precursors.

B. Frederick: R21
A New Multimodal Perfusion Imaging Method Using Concurrent NIRS and fMRI.

S. Gruber: R01
Neurobiologic Correlates of Age of Onset.

O. Isacson: U24
PD IPS Cell Line Consortium

S. Lukas: T32
Training In Drug Abuse and Brain Imaging.

Y. Mashhoon: K01
Early Onset Cigarette smoking effects on brain structure, function and chemistry.

R. McHugh: R03
Distress Intolerance and Prescription Opioid Abuse in Chronic Pain Patients

D. Ongur: R21
Genetics of Glutamatergic Neurotransmission.

D. Pizzagalli: R01
Early Life Stress and Depression: Molecular and Functional Imaging Approaches.

I. Rosso: R01
Cerebral GABA and Fear Conditioning in PTSD.

U. Rudolph: R01
A GABA Pathway to Faster Acting Antidepressants.

U. Rudolph: R03
The Role of GABA A Receptor Subtypes in Benzodiazepine Abuse Liability.

M. Teicher: R01
Early Stress, Sensitive Periods and the Neurobiology of Addiction.