## SCHEDULE

### Saturday, December 1, 2012

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 am - 3:00 pm</td>
<td>Council Meeting</td>
</tr>
<tr>
<td>8:00 am - 5:00 pm</td>
<td>Membership Committee Meeting</td>
</tr>
<tr>
<td>9:00 am - 7:00 pm</td>
<td>Registration</td>
</tr>
<tr>
<td>9:30 am – 12:00 pm</td>
<td>iSpot-D Meeting</td>
</tr>
<tr>
<td>2:00 pm – 4:00 pm</td>
<td>NPP &amp; NPPR Editors Meeting</td>
</tr>
<tr>
<td>4:00 pm – 5:30 pm</td>
<td>Publications Committee Meeting</td>
</tr>
<tr>
<td>4:00 pm – 5:30 pm</td>
<td>Ethics Committee Meeting</td>
</tr>
<tr>
<td>5:30 pm – 7:00 pm</td>
<td>Public Information Committee Meeting</td>
</tr>
<tr>
<td>6:30 pm – 8:30 pm</td>
<td>Travel Award Reception <em>(by invitation)</em></td>
</tr>
</tbody>
</table>

### Sunday, December 2, 2012

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 am - 7:00 pm</td>
<td>Registration</td>
</tr>
<tr>
<td>8:30 am - 11:30 am</td>
<td>Neuropsychopharmacology Reviews Plenary: “Epigenetics”</td>
</tr>
</tbody>
</table>

**David Sweatt**, *The Role of Histone Deacetylase 3 (HDAC3) in the Acquisition and Extinction of Cocaine-context Associated Memories*

**Marcelo Wood**, *The Impact of MeCP2 Loss- or Gain-of-Function on Synaptic Plasticity*

**Lisa Monteggia**, *The Impact of MeCP2 Loss- or Gain-of-Function on Synaptic Plasticity*

**Anne Schaefer**, *MicroRNA miR-128 Controls Dopamine-mediated Locomotor Behavior and Prevents Fatal Epilepsy-like Disease in Mice*

**Johannes Bohacek**, *Epigenetics of Complex Behaviors and their Inheritance in Mammals*
11:30 am – 1:00 pm  Lunch (*on your own*)
11:30 am – 1:00 pm  Liaison Committee Meeting
11:30 am – 1:00 pm  Past President’s Luncheon
11:30 am – 1:00 pm  U19 Scientific Advisory Board Meeting
11:30 am – 1:00 pm  Program Committee Meeting
1:00 pm – 2:30 pm  NIH Institutes Director’s Panel
2:30 pm - 6:30 pm  Paper Sessions: Hot Topics
7:00 pm - 9:00 pm  Opening Night Reception

**Monday, December 3, 2012**

7:00 am – 8:00 am  ACNP Leadership & Institute Directors Meeting
7:00 am - 8:00 am  JAMA Network Meeting
7:00 am - 6:00 pm  Registration
8:00 am - 11:30 am  President’s Plenary: “Taking Stock of the Connectome”

*Jeff Lichtman, TBD*

*Eric Schadt, A Systems Framework for Understanding the Complexity of Human Diseases*

*Edward Bullmore, Connectomics, Psychiatry, and Drug Development*

*Bruce Rosen, Making Sense of the Functional Connectomes*

10:30 am - 4:30 pm  Poster Viewing
11:30 am - 1:30 pm  Lunch
11:30 am - 1:00 pm  Women’s Luncheon (*reservations requested*)
Guest Speaker: Huda Akil
*Looking Back in Amazement: What I Learned on the Way to this Luncheon*
11:30 am – 1:00 pm

FNIH Biomarkers Consortium Neuroscience Steering Committee

1:30 pm – 3:00 pm

Distinguished Lecture – Jeffrey M. Friedman

Leptin and the Biologic Basis of Obesity

3:00 pm - 5:30 pm

Mini-Panel Sessions

**Session 1**

*Renaissance in Opioid Biology: From Preclinical Concepts to Clinical Practice*

Chair: Floyd E. Bloom

- Molecular Basis for Kappa Opioid Receptor Antagonism: Implications of Ligand-directed Signaling for the Development of Novel Antidepressants
  *Charles Chavkin*
- The Place of Opiates in the Cortico-basal Ganglia Reward Circuit
  *Suzanne Haber*
- New Clinical Research in Opioid Modulation Indicates Novel Utility in Treating Resistant Depression
  *Elliot W. Ehrich*

**Session 2**

*Interaction of Ontogeny and Environment in Adolescent Substance Abuse*

Chair: Cynthia Kuhn
Co-Chair: Sari Izenwasser

- Adolescent Response to Reward and Adversity
  *Cynthia Kuhn*
- Intersection of Environment, Individual and Drug in Development of Substance Abuse in Adolescence
  *Sari Izenwasser*
- Environmental Stressors and Risk for Alcohol Problems: A Longitudinal GxE GWAS in Community Samples
  *William Copeland*

3:00 pm - 5:30 pm

Panel Sessions

**Session 1**

*Neuroplasticity Deficits in Neuropsychiatric Illness: New Targets for Cognitive Enhancement*

Chair: Daniel Javitt

- Learning Mechanisms in Obsessive-Compulsive-Disorder: Bias to Stimulus-Response Habit Learning
  *Trevor W. Robbins*
- Experience Dependent Cortical Long-Term Synaptic Potentiation (LTP) and Sequelae in the Intact Visual System
  *Mark Bear*
- Induction of Neuroplasticity in Humans by Transcranial Direct Current Stimulation: Clinical Applications and Methodological Advancements
  *Michael A. Nitsche*
• Neurophysiological Basis of Auditory/Motor Plasticity Deficits and tDCS Effects in Schizophrenia
  
  Daniel Javitt
  
  • Discussant: Richard Keefe

Session 2

Common Neural Mechanisms across Dimensions of Pediatric Psychopathology

Chair: Danny Pine
Co-Chair: Kate D. Fitzgerald

• Human Amygdala Development Following Early-life Stress
  
  Nim Tottenham

• Childhood Disruptive Behavior Disorders and Risk for Adolescent Substance Use
  
  Iliyan Ivanov

• Functional and Structural MRI Studies of the Neural Circuits that Mediate Self-regulation over Development in Bulimia Nervosa
  
  Rachel Marsh

• Neural Response to Social Threat: Disease Specificity in Adolescents with Generalized Anxiety Disorder, Social Phobia, and at Risk Populations
  
  Jarcho M. Johanna

• Discussant: Francisco Xavier Castellanos

Session 3

Unraveling the Genetic Architecture of Mental Illness with Whole Genome Sequence Data

Chair: Carrie Bearden

• The Utility of Whole Genome Sequencing in Human Pedigrees for Identifying Genes Underlying Human Quantitative Trait Loci
  
  John Blangero

• Endophenotypes, Normal Variation and Whole Genome Sequence Data in Pedigrees: Insights into the Genetics of Psychotic Illnesses
  
  David C. Glahn

• Rare Variants in Genes Involved in Neurotrophin Signaling Identified by Genome Sequencing in Bipolar Disorder
  
  John R. Kelsoe

• Transcriptional Profiling in ASD: A Systems Biology Approach
  
  Daniel H. Geschwind

• Discussant: Raquel E. Gur

Session 4

De-risking the Pathway of Treatment Development for Autism Spectrum Disorders

Chair: Linda Brady
Co-Chair: Robert H. Ring

• Measures of Clinical Meaningful Change, a Summary of the Recent Meeting on Outcome Measures Consensus Statements for Clinical Trials in ASD
  
  Evdokia Anagnostou

• Quantifying Social Deficits in Autism via Eye-Tracking Measures of Social Engagement
  
  Warren Jones

• Electrophysiological Signatures of Language Impairment in Autism Spectrum Disorders - Biomarkers, Neurobiological Insight and Potential Early Signals of Efficacy:
Magnetoencephalographic (MEG) Investigations

*Timothy Roberts*

- Using DSM-5 Criteria to Assess Core Symptoms of Autism Spectrum Disorders for Diagnosis and Evaluation of Treatment Outcomes
  *Susan Swedo*
- Discussant: Geraldine Dawson

**Session 5**

*Links between Activity, Sleep and Mental Function: Translational Models*

Chair: Kathleen R. Merikangas

- Objective Assessment of Rhythms and Inter-relationships of Activity, Sleep and Mood in a Community Based Family Study of Affective Spectrum Disorders
  *Kathleen R. Merikangas*
- Links between Anxiety and Activity in Nonhuman Primates
  *Judy Cameron*
- Sleep-wake Cycle, Patterns of Physical Activity and Circadian Rhythm Disruption in Young People with Emerging Mood Disorders
  *Ian Hickie*
- Seasonal Effects on Sleep, Activity and Behavior in Migratory Birds
  *Ruth Benca*
- Discussant: *Joseph S. Takahashi*

**Session 6**

*Glial Regulation of Synaptic Pathology: Novel Mechanisms of Neuropsychiatric Disease and Avenues for Repair*

Chair: Peter Kalivas

- Role of Astrocytes in Synaptic Development
  *Cagla Eroglu*
- Lactate-mediated Coupling between Astrocytes and Neurons Controls Memory Consolidation
  *Cristina Alberini*
- Control of Drug Seeking Behavior by Modulation of Astroglial Glutamate Transport
  *Kathryn Reissner*
- Schizophrenia and Astrocytes: The Importance of System xc – to Preclinical Models of PFC Dysfunction
  *David A. Baker*
- Discussant: *Peter Kalivas*

5:30 pm - 7:30 pm

*Poster Session I with Reception*

7:30 pm - 9:00 pm

*Issue Oriented Study Groups*
Session 1
'If We Thought our Field was in Trouble Before...' Is Ethical Mental Health Care Possible in the Second Decade of the 21st Century?
Chair: Ellen Frank
Co-Chair: John G. Csernansky
Ellen Frank
Kenneth L. Davis
Howard H. Goldman
William Z. Potter
Alan F. Schatzberg

Session 2
Practical, Societal, Ethical, and Legal Challenges for Modern Brain and Biobanking: Experiences from America and Europe
Chair: Thomas Schulze
Co-Chair: Francine M. Benes
Thomas Schulze
Francine M. Benes
Thomas Insel
Joel E. Kleinman
Camilla Stoltenberg
Peter G. Falkai
Shawn HE. Harmon
Robert H. Ring

Session 3
The Role of Corticotropin-Releasing Factor (CRF) in the Pathophysiology of Mood and Anxiety Disorders: A Tribute to Wylie Vale
Chair: Charles Nemeroff
Florian Holsboer
Tracy Bale
George F. Koob
Dimitri Grigoriadis
Charles Nemeroff
Elizabeth Flandreau
Alon Chen

Session 4
NIMH Research Domain Criteria Project: How will the Criteria Work for Studies of Diagnosis and New Drug Development?
Chairs: William Carpenter, Bruce Cuthbert
James Waltz
Wayne Drevets
Mark Smith
Tuesday, December 4, 2012

7:00 am – 6:00 pm  Registration
7:00 am – 8:30 am  Education & Training Committee Meeting
7:00 am – 8:30 am  Membership Advisory Task Force Meeting
7:00 am – 8:30 am  American Journal of Psychiatry Editorial Board Meeting
7:00 am – 8:30 am  CME Institute Executive Director’s Meeting
7:30 am – 8:30 am  SOBP Biological Psychiatry Journal Editor’s Meeting
8:30 am - 11:00 am  Panel Sessions

Session 1
Neuroscience and the Future of Psychiatric Diagnosis: Updates on Development of the Fifth Edition of Diagnostic and Statistical Manual of Mental Disorders
Chair: David J. Kupfer
- Autism Spectrum Disorder in DSM5
  Edwin H. Cook
- DSM-5 Schizophrenia Spectrum: Major Changes, Controversies, and Linkage with the NIMH Research Domain Criteria
  William Carpenter
- Anxiety Disorders, Obsessive-Compulsive and Related Disorders, Trauma- and Stressor-Related Disorders, and Dissociative Disorders: Changes for DSM-5
  Katharine A. Phillips
- A Potential Biomarker for Addiction
  Charles P. O'Brien
- Discussant: Darrel A. Regier

Session 2
Developmental Programming of the Brain: Implications for Shared Mechanisms Across Neuropsychiatric Disorders
Chair: Jill M. Goldstein
Co-Chair: Paul J. Harrison
- Genome-wide Analysis Identifies Loci With Shared Effects on Five Major Psychiatric Disorders
  Jordan W. Smoller
- Shared Fetal Programming of Sex Differences in Stress Response Circuitry and Endocrine Deficits in Schizophrenia and Depression: Shared Mechanisms but Different Disorders
  Jill M. Goldstein
- Long-term, Sex-specific Effects of Developmental Exposure to Excess Glucocorticoids on Gene Expression in the Hypothalamus
  Robert J. Handa
- Trans-generational Effects of Endocrine Disrupting Compounds on Brain and Behavior
  *Emilie Rissman*
- Discussant: *Paul J. Harrison*

**Session 3**

*One Size doesn't Fit All: Molecular Mechanisms underlying Diverse Estradiol Signaling in the Brain*

Chair: David Rubinow
- Roles of ERβ in the CNS
  *Jan-Ake Gustafsson*
- Development of Ligands for Estrogen Receptor Beta and the Genomic vs. Non-Genomic Pathway: Appreciating and Exploiting the Many Dimensions of Activity and Selectivity
  *John Katzenellenbogen*
- Acute Estrogen Modulation of Synapses in the Hippocampus
  *Catherine Woolley*
- Serotonin Transporter Function: Interaction among Ovarian Steroids and Antidepressants
  *Alan Frazer*
- Discussant: *Tracy Bale*

**Session 4**

*Optimizing Cognitive Interventions for Schizophrenia: Predictive Biomarkers and Pharmacologic Enhancement*

Chair: Neal R. Swerdlow
- Predictors of Cognitive Improvement after "Neuroplasticity-based" Computerized Cognitive Training in Schizophrenia
  *Sophia Vinogradov*
- Neuroanatomical Predictors of Response to Cognitive Remediation
  *Matcheri Keshavan*
- Combining a Cognitive Enhancer and Cognitive Training: Proof of Principle and Potential Complexities in Real-life
  *Shitij Kapur*
- Memory Consolidation Deficits in Schizophrenia and the Combination of D-cycloserine with Cognitive Remediation
  *Donald Goff*
- Discussant: Deanna Barch

**Session 5**

*The Developmental Trajectory of Cannabis Effects on Neurobiological Functioning*

Chair: Barbara J. Mason
Co-Chair: Yasmin Hurd
- Cannabis and the Adolescent Brain: Differentiating Vulnerability from Pathology
  *Dan I. Lubman*
- Trajectory of Adolescent THC Exposure on Mesocorticolimbic Molecular, Epigenetic and Structural Modifications: Transgenerational Effects
  *Yasmin Hurd*
- Δ9-tetrahydrocannabinol Impairs Reversal Learning and Visuo-spatial Associative Memory in Rhesus Macaques
  *Michael Taffe*
• Effects of Cannabis Abuse on the Functional Brain Architecture for Visual Learning and Recognition Memory: Psychopharmacological and Developmental Evidence before and after Sustained Abstinence
  *Frank Haist*
• Discussant: *Deborah Yurgelun-Todd*

**Session 6**
*Multi-level Classification of Schizophrenia and Bipolar Disorder: New Evidence and Controversies*
Chair: Michael Davidson
• Cognitive Heterogeneity in Bipolar Disorder: Implications for Overlap with Schizophrenia
  *Katherine E. Burdick.*
• Cognitive and Functional Deficits in Schizophrenia and Bipolar Disorder Vary by Psychosis Presence and History
  *Christopher R. Bowie.*
• MRI can be used to Differentiate Schizophrenia Patients from those with Bipolar Disorder: Clinical and Theoretical Implications
  *Rene Kahn.*
• Developmental Trajectories in Schizophrenia and Bipolar Disorder: Evidence for Distinct Etiologies
  *Michael Davidson.*
• Discussant: *Avi Reichenberg.*

**Session 7**
*Immune Modulation of Neurodevelopment in Schizophrenia and Autism*
Chair: Alan Brown
Co-Chair: Karoly Mirnics
• Novel Roles for Immune Molecules in Early Postnatal Cortical Development: Implications for Schizophrenia and Autism Spectrum Disorders
  *Kimberley McAllister.*
• Neuroimmune Changes in a Mouse Model of the Maternal Infection Risk Factor for Schizophrenia and Autism
  *Paul H. Patterson.*
• Elevated Maternal C-Reactive Protein and Autism in a National Birth Cohort
  *Alan Brown.*
• Neuroimmune Changes in the Brain of Subjects with Schizophrenia or Autism
  *Karoly Mirnics.*
• Discussant: *John H. Gilmore.*

10:30 am - 4:30 pm **Poster Viewing**
11:00 am – 12:30 pm **Lunch**
11:15 am - 1:30 pm **Data Blitz Session**
  *This new session is comprised of rigorously timed 5-min presentations by 18 young investigators that are linked to poster presentations.*
12:00 pm – 1:00 pm **ACNP Website Editors Meeting**
1:30 pm - 3:00 pm  **Associate Member Session**  
“Meet the Editors and The Art of Peer Review”

3:00 pm - 5:30 pm  **Mini-Panel Sessions**

**Session 1**  
*Rescuing Novel Mechanisms: Minimizing Placebo Response and Optimizing Signal Detection in Proof of Concept Trials*  
Chair: Michael Thase  
Co-Chair: William Z. Potter  
- Decline in Signal Detection: Background and Proposed Strategies  
  *Michael Thase*  
- Missing Data, Placebo Response, and Positive Controls: How They Influence Signal Detection  
  *Craig H. Mallinckrodt*  
- First, Do No ... Help!?: The Problems with Therapeutic Alliance and Expectation Bias in Clinical Trials  
  *Michael Detke*

**Session 2**  
*Exploring Therapeutic Use of Psilocybin, A Classic Hallucinogen*  
Chair: Roland Griffiths  
- Experimental Studies of Psilocybin in Healthy Volunteers: Persisting Attribution of Positive Changes in Attitudes, Mood and Behavior  
  *Roland Griffiths*  
- Psilocybin Treatment for Anxiety in Patients with Advanced-Stage Cancer  
  *Charles Grob*  
- Effects of Psilocybin in the Treatment of Addictions: A Review and Preliminary Results from Two Ongoing Trials  
  *Michael P. Bogenschutz*

3:00 pm - 5:30 pm  **Panel Sessions**

**Session 1**  
*New Perspectives on the Role of Glutamatergic Neurotransmission in Alcoholism and Drug Addiction*  
Chair: Mary-Anne Enoch  
- Translational Support for the Glutamate Hypothesis of Addiction  
  *Derik Hermann*  
- The Effects of Chronic, Heavy Alcohol and Cocaine Use on Glutamatergic Gene Expression in Postmortem Human Hippocampus  
  *Mary-Anne Enoch*  
- Adaptations of Glutamatergic Transmission in Extended Amygdala in Stress and Reward  
  *Danny Winder*  
- A Functional Grm2 Stop Codon Increases Alcohol Preference in Alcohol Preferring (P) Rats  
  *David Goldman*  
- Discussant: Gary Aston-Jones
Session 2  
**High Anxiety: Endocannabinoid Regulation of the Stress Response and Emotional Behavior**  
Chair: Alexander Neumeister  
- PET Reveals Abnormal CB1 Receptor Binding in PTSD  
  *Alexander Neumeister*  
- Reduced Plasma Endocannabinoid Levels in PTSD  
  *Rachel Yehuda*  
- The Endocannabinoid System as a Therapeutic Target for Stress-related Disorders  
  *Daniele Piomelli*  
- Stress-induced Regulation of Endocannabinoid Signaling in the Amygdala: Mechanisms and Functional Implications  
  *Matt Hill*  
- Discussant: *Ken Mackie*

Session 3  
**Longitudinal Neuroimaging of Emerging Substance Use: Brain Indicators of Early Risk and Effects of Use**  
Chair: Mary Heitzeg  
Co-Chair: Godfrey D. Pearlson  
- Individual Differences in Control and Reward and Their Relationship to Substance Use Risk: The IMAGEN Study  
  *Hugh Garavan*  
- Longitudinal fMRI Studies of Impulse Control and Incentive Responding: Effects of Risk and Alcohol Use  
  *Mary Heitzeg*  
- Effects of Alcohol use Initiation on Brain Structure and Behavioral Functions in Adolescents  
  *Monica Luciana*  
- Longitudinal Studies of Alcohol Effects on Academic Grades and MRI Hippocampal Volumes in the BARCS College Sample  
  *Godfrey D. Pearlson*  
- Discussant: *Edith Sullivan*

Session 4  
**Neuropeptide Receptor Ligands in Psychiatric Diseases: New Hopes after Multiple Failures**  
Chair: Stephen Stahl  
Co-Chair: Guy Griebel  
- Neuropeptides to Treat Affective Disorders: Did Animal Model Fail to be Predictive, or did Clinical Research Fail to Detect Effects?  
  *Catherine Belzung*  
- Neuropeptides and Major Depression/Depression-like Behavior: Focus on Substance P and Galanin  
  *Tomas Hokfelt*  
- Hypocretin/orexin, Sleep and Narcolepsy: Immune and Pharmacological Implications  
  *Emmanuel Mignot*
Identifying the Right Patient for Neuropeptide Receptor Ligands - Biomarkers for Central CRH Overexpression

Marcus Ising

Discussant: Thomas Steckler

**Session 5**

**Are We at a Turning Point in Psychiatric Genetics?**

Chair: Kalpana Merchant
Co-Chair: David A. Collier

- How Common and Rare Variants are Beginning to Provide Insights into Biological Mechanisms Underlying Psychiatric Disorders
  
  David A. Collier

- Dissecting Complexity in Neuropsychiatric Genetics with Network Inference
  
  Neelroop N. Parikshak

- Modelling Schizophrenia Using Induced Pluripotent Stem Cells
  
  Kristen Brennand

- Optogenetics and Psychiatric Disease: Focus on Social Behaviors
  
  Karl Deisseroth

- Discussant: Kalpana Merchant

**Session 6**

**The Ups and Downs of AKT Signaling: A Nexus of Risk for Psychiatric Disorders**

Chair: Daniel R. Weinberger
Co-Chair: Thomas F. Franke

- Dissecting the Role of the AKT/PKB Family in Neurodevelopment and Schizophrenia
  
  Amanda Law

- Integrated Approaches to Understand the Actions of GPCRs: The β-arrestin-dependent D2R Signaling Axis
  
  Marc G. Caron

- DISC1 Regulation of Neural Development through AKT-mTOR-CYFIP1 Signaling
  
  Guo-li Ming

- Studying AKT1 Signaling in Human Brain
  
  Daniel R. Weinberger

- Discussant: Thomas F. Franke

5:30 pm – 7:30 pm

**Poster Session II with Reception**

6:00 pm – 11:00 pm

**Council Meeting with Committee Chair Reports**
Wednesday, December 5, 2012

7:00 am - 8:30 am       ASCP Board of Directors Meeting

7:30 am - 5:30 pm       Registration

8:30 am - 11:00 am      Mini-Panel Sessions

Session 1
Behavioral Paradigms to Improve Signal Detection in Trials of Cognition Enhancing Drugs
Chair: Richard Keefe
Co-Chair: Stephen R. Marder
- The Phosphodiesterase 4 Inhibitor, HT-0712, Facilitates Cognitive Rehabilitation Following Traumatic Brain Injury
  Tim Tully
- Cognitive Remediation with D-cycloserine Added to Cue Exposure Therapy
  A. Eden Evins
- The Effects of Modafinil and Cognitive Training on Cognitive Performance
  Avi Reichenberg

Session 2
Pathology Driven Biomarker Development for Major Depressive Disorder: Bridging Central to Peripheral Markers
Chair: Jeffrey Meyer
- Targeting Monoamine Oxidase A as a Biomarker for Major Depressive Disorder
  Jeffrey Meyer
- Imaging the 18 kDa Translocator Protein (TSPO) in vivo
  Eugenii A. Rabiner
- Protein Kinase A: Biomarker for Major Depression
  Yogesh Dwivedi

8:30 am - 11:00 am      Panel Sessions

Session 1
Molecular and Cellular Mechanisms Underlying Resilience in Mood and Other Social-psychological Stress-related Disorders: New Avenue for Novel Therapeutics?
Chair: Husseini K. Manji
- The Lasting Legacy of Early Social Stress on the Epigenome
  Dietmar Spengler
- Blockade of the Inflammasome in Brain Produces Antidepressant Effects and Resilience to Stress
  Ronald S. Duman
- Plausible Roles of Bcl-2 Family Proteins in Cellular and Behavioral Resilience to Mood Disorders
  Guang Chen
Mechanisms Underlying the Resilience to Severe Social Stress and the Role of Ventral Tegmental Area (VTA)
Ming-Hu Han
Discussant: Steven E. Hyman

Session 2
Reward/Motivation Deficits in Attention Deficit Hyperactivity Disorder (ADHD) and the Effects of Medication
Chair: Wilson M. Compton
Co-Chair: James Swanson
- Functional Connectivity of Reward Circuits in the Rat and Human Brain
  Elliot A. Stein
- Reward Circuitry, Risky Behaviors, and ADHD
  Francisco Xavier Castellanos
- Dopamine Reward Circuitry in Attention Deficit Disorder
  Nora D. Volkow
- Altered Sensitivity to Reinforcement in Individuals with ADHD: Implications for the Development of Aberrant Health Behaviors
  Scott H. Kollins
- Discussant: James Swanson

Session 3
Opioid and Cannabinoid Mechanisms in Alcohol Addiction: Recent Evidence from Functional Brain Imaging
Chair: Kent Hutchison
- The Effects of Alcohol Consumption on Endogenous Opioid Release in the Human Orbitofrontal Cortex and Nucleus Accumbens
  Jennifer Mitchell
- Influence of Mu-Opioid Receptor (OPRM1) A118G Polymorphism on Pharmacological Effects of Alcohol: A Translational Approach
  Vijay A. Ramchandani
- CNR1 Variation Is Associated with BOLD Response to Alcohol Cues and Alcohol Dependence Symptom Count
  Kent Hutchison
- Reduced Cannabinoid CB1 Receptor Binding in Alcohol Dependence Measured with Positron Emission Tomography
  Markus Heilig
- Discussant: Raye Litten

Session 4
Beta-amyloid Neuropathology in Cognitively Normal Individuals: Preclinical Alzheimer's Disease or Cognitive Resilience?
Chair: Susan M. Resnick
Co-Chair: Dean F. Wong
- The Detectability of Ab Amyloid by PET Imaging in Mouse Models of Alzheimer's Disease with Different Rate of Plaque Accumulation
  Alena Savonenko
• Preclinical AD: Evidence for Amyloid-associated Alterations in Brain Function and Structure  
  Reisa Sperling
• Neuroimaging Predictors of Cognitive Impairment and Resilience: Insights from the Baltimore Longitudinal Study of Aging  
  Susan M. Resnick
• Resilient Brain Aging: Neuropathological, Cellular and Biochemical Features of Pathological Alzheimer's Disease With Normal Cognition  
  Steven E. Arnold
• Discussant: Steven T. DeKosky

Session 5  
**Inhibition of Phosphodiesterases to Treat Psychiatric Disorders: Advances through Innovation in Preclinical Models and Feedback from the Clinic**  
Chair: Nicholas Brandon

• The Phosphodiesterase Isoform 4A5 (PDE4A5) is the Critical Mediator of Hippocampus-dependent Cognitive Impairments Induced by Sleep Loss  
  Ted Abel
• Alcohol Drinking and Seeking Behaviors: Role of Phosphodiesterase-4 (PDE4)  
  Han-Ting Zhang
• Phosphodiesterases Differentially Determine the Spatial and Temporal Modalities of cAMP Signal Integration in the Cortex and Striatum.  
  Pierre Vincent
• Inhibition of Phosphodiesterase10A for the Treatment of Schizophrenia: Preclinical Rationale and Clinical Evaluation  
  Christopher J. Schmidt
• Discussant: Akira Sawa

Session 6  
**Dendritic Spine Plasticity in Depression and Addiction**  
Chair: Eric J. Nestler  
Co-Chair: Scott Russo

• Molecular Basis of Structural Plasticity of Nucleus Accumbens Neurons Induced by Drugs of Abuse  
  Eric J. Nestler
• Epigenetic Regulation of Synaptic Remodeling in Depression  
  Scott Russo
• Subcellular Synaptic Connectivity in the Nucleus Accumbens  
  Adam Carter
• Subcellular Synaptic Connectivity in the Nucleus Accumbens  
  Wenbiao Gan
• Discussant: John Morrison

10:30 am - 4:30 pm  
**Poster Viewing**

11:15 am - 12:30 pm  
**Business Meeting**  
(ACNP Associate Members, Members and Fellows only)
12:30 pm - 2:00 pm  **Buffet Lunch**

12:30 pm – 2:00 pm  **Travel Award Luncheon (Awardees & Mentors Only)**

12:30 pm – 2:00 pm  **ACNP Corporate Liaison Luncheon (by invitation)**

3:00 pm - 5:30 pm  **Panel Sessions**

**Session 1**  
**Circadian Rhythms and Mood Disorders: Clock Genes and New Treatment Implications**
Chair: William Bunney  
Co-Chair: Ellen Frank  
- Circadian Clock Genes in Control and Major Depressive Disorder Brain Tissue: Potential Role in Mode of Action of Ketamine  
  *William Bunney*
- Patients' Self-reported Chronotype and Social Rhythm Changes after Treatment of Major Depression  
  *Ellen Frank*
- Use of the Clock Mutant Mice to Identify New Mood Stabilizing Agents  
  *Colleen A. McClung*
- The Circadian Transcriptional Network in Mammals  
  *Joseph S. Takahashi*
- Discussant: *David J. Kupfer*

**Session 2**  
**Neuronal Circuit Regulation of Ventral Tegmental Area Neurons**
Chair: Garret Stuber  
- Subcellular Segregation of Dopamine and Glutamate Signaling by a Subset of Ventral Tegmental Area Neurons  
  *Marisela Morales*
- Anatomically-specific Ventral Tegmental Area Afferents Control Reward and Aversion  
  *Garret Stuber*
- Plasticity and Function of Distinct Subtypes of Dopamine Neurons  
  *Robert Malenka*
- Dopamine Neurons Modulate the Neural Encoding and Expression of Depression-related Behavior  
  *Kay M. Tye*
- Discussant: *Antonello Bonci*

**Session 3**  
**Applying Translational Research and Imaging to Treatment Strategies in Alcoholism**
Chair: Rajita Sinha  
- Translational Neuroimaging Studies of Alcoholism: From Rats to Man  
  *Adolf Pfefferbaum*
- Brain Mechanisms of Behavioral Changes Promoting Relapse in Alcohol Dependent Individuals; A Translational Approach  
  *Theodora Duka*
• Altered Prefrontal Structure and Function Predicts Heavy Drinking and Alcohol Relapse: Are there Clues for Novel Treatment Strategies?  
  Rajita Sinha
• Striatal-limbic Suppression during Anticipatory Anxiety in Alcohol-dependent Men  
  Byron Adinoff
• Discussant: Charles P. O'Brien

Session 4
Lesson from Animal Studies of Genetic Risk Factors for Psychiatric Disorders of Neurodevelopmental origin: How can we Move Forward with our Research for Novel Treatment Interventions?
Chair: Atsushi Kamiya
• Insulin-like Growth Factor 1 Therapy in Rett Syndrome: From Animal Studies to Clinic  
  Daniela Tropea
• Modeling Lissencephaly- From Pathogenesis to Therapies  
  Anthony Wynshaw-Boris
• Regulatory Role of DISC1 for Excitatory Action of GABA Signaling in Prefrontal Cortex Development and Function  
  Atsushi Kamiya
• Pathological Mechanisms of Aberrant Neuregulin Signaling Revealed by Temporal Control of Expression  
  Lin Mei
• Discussant: Patricio O'Donnell

Session 5
Glucocorticoid Receptors as Pharmacologic Targets in Psychiatry
Chair: Alan F. Schatzberg
• Corticosteroid-dependent Plasticity Mediates Compulsive Alcohol Drinking in Rats  
  George F. Koob
• Working Memory is Modulated by Glucocorticoid Receptor and Dopaminergic Genes  
  Wissam El-Hage
• A Human Laboratory Study of Mifepristone Treatment for Alcohol Dependence  
  Barbara J. Mason
• The Role of Glucocorticoid Receptors in Bipolar Disorder  
  Allan H. Young
• Discussant: Mary L. Phillips

Session 6
Army STARRS Suicide Research: From Bench to Battlefield
Chair: Murray B. Stein
Co-Chair: Robert Ursano
• The Army STARRS Study Plan  
  Robert Ursano
• Executive Functioning and Suicidal Behavior among Soldiers: Results from the Army STARRS Study  
  Matthew Nock
• A Beating of Minds: Suicide and Traumatic Brain Injury  
  Murray B. Stein
• TBI and Medical Illness as Predictors of Suicide Risk in US Army Soldiers
  Michael Schoenbaum
• Discussant: Thomas Insel

Session 7
Anxiety Disorders: New Evidence for Structural and Functional Connectivity Abnormalities
Chair: Ned H. Kalin
Co-Chair: Jennifer Blackford
  • Structural and Functional Alterations Predict Individual Differences in Behavioral Inhibition
    Andrew S. Fox
  • Intrinsic Connectivity Abnormalities in Social Anxiety
    Jennifer Blackford
  • Frontolimbic Connectivity in Generalized Anxiety Disorder
    Jack B. Nitschke
  • Targeting the Medial Prefrontal Cortex in the Treatment of Pediatric Anxiety
    Danny Pine
  • Discussant: Scott Rauch

5:30 pm - 7:30 pm  Poster Session III with Reception
7:30 pm – 9:00 pm  Neuropsychopharmacology Editorial Board Meeting

Thursday, December 6, 2012

7:00 am – 8:00 am  ACNP/AsCNP/CINP/ECNP/JSNP Meeting
8:00 am - 3:00 pm  Registration
8:00 am - 10:30 am  Mini-Panel Sessions

Session 1
Beyond Ketamine, Can Selective Targeting of the NMDA Receptor Produce Antidepressant Response without Psychotomimetic Effects: Clinical Results with Three Novel Compounds
Chair: Gerard Sanacora
  • Beyond Ketamine: Next generation NMDA Antagonists Show Rapid Antidepressant Effects, without Psychotomimetic Effects
    Nancy Diazgranados
  • A Phase 2, Randomized, Double Blind, Single Intravenous Dose Study of GLYX-13, an NMDA Receptor Glycine Site Functional Partial Agonist, in Subjects with Major Depressive Disorder with Inadequate Response to Antidepressant Medication
    Ronald M. Burch
  • Randomized Trial of AZD6765, an N-methyl-D-aspartate (NMDA) Channel Blocker, as Adjunct Treatment for Major Depression
    Mark A. Smith
Session 2
Beyond the NMDA Receptor-Alternative Glutamatergic Targets for Antidepressant Treatment
Chair: Yogesh Dwivedi
Co-Chair: P. Jeffrey Conn
- Altered Affective Behavior in Kainate Receptor Knockout Mice
  Anis Contractor
- RNA Editing of an AMPA Receptor Subunit is Altered in Major Depression and Suicide
  Monsheel Sodhi
- Selective mGlu5 NAMs for the Treatment of MDD
  Carrie K. Jones

8:00 am - 10:30 am  Panel Sessions

Session 1
Hippocampus and Addiction: New Neurons, New Circuits, and New Responses
Chair: Rita A. Fuchs
- Role of the Dorsal Hippocampus in the Reconsolidation and Utilization of Associative Memories that Maintain Drug Context-induced Cocaine Seeking
  Rita A. Fuchs
- Individual Differences in Substance Abuse Liability: Implicating the Hippocampus
  Huda Akil
- Ventral Hippocampal Regulation of Medial VTA Dopamine System and its Role in Addiction
  Anthony A. Grace
- Linking Context with Reward: Hippocampal and Septal Circuit Projections to Ventral Tegmental Area Play Critical Roles in Cocaine Relapse
  Gary Aston-Jones
- Discussant: Nora D. Volkow

Session 2
Neural Networks across Development in Health, Anxiety/Depression, and Treatment Implications
Chair: Monique Ernst
- Overcoming the Detrimental Effects of Motion on Resting State fMRI
  Michael Milham
- Altered Intrinsic Connectivity and Error-processing Function of Salience Network in Pediatric Obsessive Compulsive Disorder
  Kate D. Fitzgerald
- What can Amygdala Functional Connectivity Tell Us about the Development of Anxiety Disorders?
  Amy K. Roy
- From Correlation to Causation in Resting-state fMRI: Network Dynamics in Psychopathology and with Concurrent TMS/fMRI
  Amit Etkin
  Discussant: Angus W. MacDonald
Session 3
Harnessing Cortical Plasticity for Therapeutic Purposes
Chair: Sophia Vinogradov
- Shaping Brain Circuits with Auditory Experience
  Etienne de Villers-Sidani
- Directing Cortical Plasticity to Understand and Treat Neurological Disease
  Michael P. Kilgard
- Long-lasting Enhancement of Visual Perceptual Learning in Healthy Humans by the Cholinesterase Inhibitor Donepezil
  Michael A. Silver
- Noninvasive Brain Stimulation to Enhance the Effects of Computerized Cognitive Training
  Alvaro Pascual-Leone
- Discussant: Akira Sawa

Session 4
Chair: Christoph U. Correll
Co-Chair: John W. Newcomer
- One Year Follow-up Longitudinal Study with a Large Sample of Antipsychotic-naïve Children and Adolescents
  Celso Arango
- The Value of Randomized Clinical Trials: Data from the Metabolic Effects of Antipsychotics in Children (MEAC) Study
  Ginger E. Nicol
- Mixed Methods in Health Services Research to Understand Real-world Acceptance of Safety Recommendations for Psychopharmacologic Treatments
  Elaine H. Morrato
- Economic Evaluation in Child Psychiatry---An Example from the Metabolic Effects in Antipsychotic Treatment of Children Study
  Steven M. Kymes
- Discussant: John W. Newcomer

Session 5
Metabotropic Glutamate Receptors (mGlurS) and Addiction
Chair: Jill B. Becker
- Estradiol Influences Dopamine and GABA Release in the Striatum via mGluR5
  Jill B. Becker
- Estrogen Receptors Located at the Surface Membrane Activate Metabotropic Glutamate Receptor Signaling
  Paul G. Mermelstein
- Unique Roles for Ventral and Dorsal Striatum mGluR5 in Extinction Learning and Relapse to Cocaine Seeking
  Lori A. Knackstedt
- Restoration of Infralimbic mGluR2 Deficit Rescues Control Over Drug Seeking in Alcohol Dependence
  Wolfgang H. Sommer
- Discussant: Foster Olive
Session 6
Affective Neuroscience of Young Monkeys to Developing Population: Translational Studies of Brain Function Informing Interventions
Chair: Mani Pavuluri
Discussant: Richard Davidson

- Identification of Novel Targets in the Developing Primate Amygdala for the Early Treatment of Childhood Anxiety
  *Ned H. Kalin*
- Translational Imaging Studies of Natural Products as Treatments for Pediatric Depression
  *Perry Renshaw*
- Brain Functional Mechanisms of Treating Pediatric Mania
  *Mani Pavuluri*
- Amygdala Activation and Prefrontal Cortex Functional Connectivity: Potential Targets for Treatment of Autism Spectrum Disorders
  *Christopher S. Monk*
- Discussant: Richard Davidson

9:00 am - 12:00 pm  Council Meeting

10:30 am - 12:00 pm  Brunch

12:00 pm - 2:30 pm  Panel Sessions

Session 1
Functional and Structural Alterations in the Insula are Central to the Pathophysiology of Both Anorexia Nervosa and Obesity
Chair: Guido KW. Frank
Co-Chair: Walter Kaye

- The Role of the Insular Cortex in Flavor Preference Formation
  *Dana Small*
- Pain and Pending Pictures: Increased Insula Response in Anorexia Nervosa
  *Alan Simmons*
- Regional Gray Matter Volumes in the Insula Distinguish Anorexia Nervosa and Obesity
  *Guido KW. Frank*
- Circuits Connecting Somatic/Visceral-Related Insular Areas with Eating/Reward Areas in the Ventromedial Prefrontal Cortex
  *Joseph L. Price*
- Discussant: Martin Paulus

Session 2
Neuroimaging Predictors of Treatment Effects in High-risk and Bipolar Individuals across the Lifespan
Chair: Caleb Adler

- Neurobiological and Genetic Risk Factors for Antidepressant-induced Mania in Youth at Risk for Bipolar Disorder
  *Kiki Chang*
• Neurofunctional Effects of Ziprasidone in Manic Adolescents with Bipolar Disorder
  *Melissa DelBello*

• Neurophysiological Effects of Bipolar Medications across Mood State
  *Caleb Adler*

• White Matter Correlates of Antipsychotic and Lithium Response in Bipolar Disorder: A Meta-analysis and Meta-regression of Diffusion Tensor Imaging findings
  *Sophia Frangou*

• Discussant: *Ellen Leibenluft*

**Session 3**

*Sink or Swim: Take Your Raft and Fyns Down the STEPs to Navigate NMDA Receptor Pools in Neuropsychiatric Disorders*

Chair: Jacqueline F. McGinty

• Genetic Manipulation of Striatal Enriched Phosphatase (STEP) Rescues Behavioral Abnormalities and seizures in a Mouse Model of Fragile X
  *Janice R. Naegele*

• Neuroprotective Role of STEP, a Brain-enriched Tyrosine Phosphatase, in Focal Cerebral Ischemia
  *Surojit Paul*

• Fyn, Tyrosine Phosphatases and Alcohol Drinking Behaviors
  *Dorit Ron*

• The Role of GluN2B Receptors and STEP in the ERK Shutoff Induced by Cocaine Self Administration in Rats
  *Jacqueline F. McGinty*

• Discussant: *Paul J. Lombroso*

**Session 4**

*Non-invasive Brain Modulation to Enhance Inhibitory Control and Drive in Psychiatric Disorders: A Translational Approach with a Focus on Dopaminergic Modulation of Fronto-striatal Pathways*

Chair: Rita Goldstein

• The Effects of Modafinil and Methylphenidate in Neuropsychiatric Disorders
  *Barbara J. Sahakian*

• Oral Methylphenidate Improves Inhibitory Control and Resting-state Functional Connectivity in Cocaine Addiction: An fMRI Study
  *Rita Goldstein*

• Noninvasive Nonpharmacological Approach to Modulate Cognition and Decision Making in Addiction
  *Felipe Fregni*

• Dopaminergic Modulation in a Preclinical Model of Risky Decision Making
  *Barry Setlow*

• Discussant: *Ruben Gur*

**Session 5**

*Neuronal Mechanisms for Behavioral and Psychiatric Vulnerability in Adolescents*

Chair: Bita Moghaddam

Co-Chair: Patricio O'Donnell
Neuronal Processing Differences in the Orbitofrontal Cortex and Striatum of Adolescents and Adults during Motivated Behavior
*Bita Moghaddam*

Reward Network in Adolescents: Longitudinal Data and Functional Connectivity
*Monique Ernst*

Adolescent Maturation of Cortico-accumbens Circuits and Risk for Addictive Behavior
*Patricio O'Donnell*

Developmental Impairment of Local Prefrontal GABAergic Circuits by Altered Glutamatergic Transmission during Adolescence
*Kuei Y. Tseng*

Discussant: *Linda P. Spear*

**Session 6**
*The Orexins: Bench To Bedside and Beyond*

Chair: *David Michelson*

- The Hypocretin/Orexin System: Neuropeptides Involved in Sleep/Wake and Multiple Other Functions
  *Thomas S. Kilduff*

- Role of Hypocretin/Orexin Receptors in Arousal Control
  *Luis de Lecea*

- Efficacy and Safety of Suvorexant, an Orexin Receptor Antagonist, in Patients with Primary Insomnia: Results from Three Phase 3 Trials
  *W. Joseph Herring*

- Orexin Agonists and Antagonists Effects beyond Insomnia
  *Thomas Roth*

- Discussant: *Andrew Krystal*

**Session 7**
*Microdomain-Specific Proteome Abnormalities in Severe Mental Illness*

Chair: *Robert McCullumsmith*

- Playing in Traffic: Protein Trafficking and Membrane Domains in Polarized Cells
  *Bettina Winckler*

- Identification and Characterization of a Putative Subcellular Microdomain: Evidence for Disruption of the Coupling of Glutamate Transporters and Glycolytic Enzymes with Mitochondria in Schizophrenia
  *Robert McCullumsmith*

- Evidence from Proteomic Analysis of Schizophrenia Implicates the Cellular Process of Clathrin Mediated Endocytosis in Schizophrenia
  *David Cotter*

- PSD Protein Partitioning is Altered in the DLPFC of Schizophrenia
  *Chang-Gyu Hahn*

- Discussant: *Joseph Coyle*
Meeting Information
MEETING REGISTRATION AND HOTEL RESERVATIONS

Everyone who attends the Annual Meeting must be registered and must check in at the Meeting Registration Desk to receive meeting materials. People who are not registered or are registered as an Accompanying Person will not be allowed into any scientific sessions with the exception of the evening poster receptions. Attendees must wear name badges to be admitted into all sessions. The name badge policy will be strictly enforced. Meeting registration can be completed online per the instructions below. Should you need a printed form, please contact the Executive Office at 615-324-2360 or acnp@acnp.org

**Attendees may not videotape, audiotape, or photograph (camera or camera phone) presentations at the ACNP Annual Meeting without prior permission from the panel chair.**

REGISTRATION ONLINE

Go to the ACNP website [www.acnp.org](http://www.acnp.org), select “Annual Meeting,” and select “Registration.” You are encouraged to pre-register by Wednesday, October 31, 2012. All Meeting registration fees will increase by $50.00 after this date.

In case of cancellation, please contact the ACNP Executive Office in writing no later than Thursday, November 29, 2012, to receive a refund less a $30.00 processing fee. Any registration cancellation after November 29, 2012, is non-refundable.

CLIMATE AND DRESS

In December, average temperatures in Hollywood, Florida, range from a high of 74 degrees to a low of 65 degrees. The temperature of the meeting rooms may be somewhat warmer or cooler than you might expect. You are encouraged to wear layered outer clothing.

CHILDCARE

Childcare options will be available at the Westin Diplomat Resort and Spa for ACNP attendees with children one year of age to 12 years of age. More information about childcare times and costs are available on the ACNP website [www.acnp.org/annualmeeting/registration.aspx](http://www.acnp.org/annualmeeting/registration.aspx) or at [www.kiddiecorp.com/acnpkids.htm](http://www.kiddiecorp.com/acnpkids.htm).
Pre-Register for the Annual Meeting by October 31st

**HOTEL RESERVATIONS**

The Westin Diplomat is the conference hotel. Attendees will have a choice of rooms at the Diplomat. The last day for reservation acceptance at the discounted convention rates is Wednesday, October 31st. You are urged to make reservations as soon as possible, as availability is limited, and rooms will likely sell out before the deadline.

**WESTIN DIPLOMAT**

**ROOM RATES AND INCLUSIONS:** All rates are single/double occupancy per night, and are exclusive of applicable state and local taxes, which are currently 11%. Complimentary shuttle service departs every 30 minutes between the beach and golf locations. (Drive time is approximately 7 minutes) Rollaway beds (only allowed in king bedded rooms) and cribs can be requested and are complimentary. All rooms have refrigerators. There is an additional $25 per night charge for each guest over two (2) adults sharing the same room. Children up to 21 are free. Maximum of four adults are allowed in a room. In-Room Wireless High Speed Internet Access USD 6.00 per day. Complimentary internet access is available in the hotel lobby.

The Westin Diplomat’s guest rooms, common areas, and transportation services are in compliance with the public accommodation requirements of the Americans with Disabilities Act. These facilities will be accessible to and usable by individuals with disabilities who attend and participate in the Annual Meeting. If you have special needs because of a physical disability, please contact the ACNP Executive Office at 615-324-2360.

**THE WESTIN DIPLOMAT ROOM GUARANTEE:** All ACNP guests will be required to provide credit card information during the online hotel reservation process to guarantee your reservation. **This card will only be charged if you fail to follow the CHANGE/CANCELLATION Policy below.** Please notify ACNP immediately at acnp@acnp.org if your credit card information changes prior to November 1st.

**PRE/POST MEETING STAYS:** ACNP discounted group rates are available three days before and three days after meeting dates; space is limited and based on availability. If your preferred early arrival or late departure dates are not available, you will be waitlisted and notified should they become available. **Note: As pre/post space is limited, we recommend that you make air travel plans after you receive your hotel confirmation.**

**CHANGING YOUR OWN RESERVATION:** After your hotel reservation is confirmed, you may go online to make changes to your hotel reservation. This opportunity will be available through Thursday, November 1st. Details on how to access your reservation and make changes online will be provided in your email hotel reservation confirmation.
CHANGES IN YOUR ARRIVAL DATE: You may make your changes online until November 1st, after that, please submit written notice of changes to acnp@acnp.org. Guests staying at the Westin Diplomat may make changes in their arrival date without penalty up until 72 hours prior to scheduled arrival. Should you change your arrival date to shorten your stay within 72 hours of your arrival date, your one night deposit will be forfeited.

CHANGES IN YOUR DEPARTURE DATE: Guests staying at the Westin Diplomat may change their departure date up until the time of hotel check-in. You will be asked to re-confirm your date of departure upon hotel check-in. Should you make a change in your departure date to shorten your stay after check in, your one night deposit will be forfeited.

HOTEL CANCELLATION POLICY: Should you need to cancel your hotel reservation, you must notify ACNP in writing via email at acnp@acnp.org. ACNP will notify the hotel. Guests staying at the Westin Diplomat may cancel your room without penalty up until 72 hours prior to scheduled arrival date. Should you cancel within 72 hours of your arrival date, a one night deposit will be charged. Failure to arrive at the hotel on your scheduled arrival date will result in the loss of your one night charge, and your room will be released for general sale.

SMOKE FREE: The Westin Diplomat Resort & Spa announces the introduction of the 'Breathe Westin' program. In response to guest requests, every guest room and all indoor areas are now designated as 'smoke free'. To assist guests who smoke in this transition, the Westin has additional seating and ash bins on the resort grounds. Note: To ensure a refreshing experience upon each return, Westin Hotels & Resorts enforces its smoke free policy in guest rooms and balconies with a $200 cleaning fee for violations.

QUESTIONS ABOUT HOTEL RESERVATIONS? Contact ACNP at: 615-324-2360 or via email at acnp@acnp.org.

Sleeping Room Descriptions

$249/nt plus tax / Run of House Room

Guest rooms are beautifully appointed and feature Heavenly Beds®, rich wood furnishings and oversized windows. The marble bathrooms feature a separate glass-enclosed shower and comfort tub, and Heavenly Bath® products.

$265/nt plus tax (Westin Main Tower) / Grand Deluxe Room

Grand Deluxe guest rooms boast beachfront views and an open air balcony. Lounge on the comfortable sofa or relax in our queen-size Westin Heavenly Bed® with crisp linens for a blissful night’s rest. Pamper yourself in the Heavenly Bath®, equipped with a marble tub and separate glass enclosed shower.
$289/nt plus tax (Westin Main Tower) / Corner Suite

Corner suites offer various floor plans with oversized accommodations that include a king-sized Heavenly Bed®, conversation area and dining area. The Club Floor suites provide access to The Westin Executive Club Lounge. The Executive Club Lounge, located on the 33rd floor, provides spectacular views from its 10,000-square foot lounge. The Lounge features its own concierge, complimentary continental breakfast, evening cocktail service and complimentary hors d'oeuvres.

The Diplomat Golf Resort is a part of The Westin Diplomat; however, the building is a two-miles (approximately 7 minute drive) from The Westin Diplomat. Daily complimentary shuttle service operates on the half hour from 6:00am - 9:00pm to and from the Diplomat Golf Resort.

$271/nt plus tax / Diplomat Golf Resort Run of House

Diplomat Golf Resort rooms include the following amenities: Check-in directly at Diplomat Golf Resort; private balcony with golf course or courtyard views; nightly turndown service; daily ice service; complimentary access to Spa and Fitness Center; 18-hole Joe Lee designed championship course. Smoking rooms are available upon request at the Diplomat Golf Resort.

$300/nt plus tax / Diplomat Golf Resort Suite

Golf Resort Suites (768 square feet) at the Country Club include the following amenities: Check-in directly at Diplomat Golf Resort; private balcony with golf course or courtyard views; separate spacious sitting area; hardwood floors; marble foyer; nightly turndown service; daily ice service; complimentary access to Spa and Fitness Center; 18-hole Joe Lee designed championship course.

AIR TRAVEL AND GROUND TRANSPORTATION

Air Travel: The closest airports to the ACNP headquarters hotel are the Hollywood/Fort Lauderdale International Airport and the Miami International Airport. ACNP has secured discounted airfares with American, Delta and United Airlines for travel to the ACNP 51st Annual Meeting in Hollywood, Florida.
ACNP’s travel partner, Travel & Transport, can assist you in making your airline reservations to secure the special ACNP discount airfares. There is a $23 service fee for agent assisted domestic air reservations.

To make your reservations or to check for the lowest fares call Travel & Transport at 1-866-224-2021, Mon-Fri 8:30am - 6:00pm EST. Or email at sbcorp@tandt.com.

If you prefer to book your air reservations direct with the airlines then refer to the following information for each carrier.

**Delta** - 5%-10% discount - Reservations and ticketing is available at [www.delta.com](http://www.delta.com). There is not a charge to book online with Delta. You may also call the Delta Meeting Network Reservations at 800-328-1111; there is a ticketing charge that will apply to the phone reservations. The Meeting ID # NME3G is required to secure the discount.

**American Airlines** - 5% discount - Reservations and ticketing is available at [www.aa.com/group](http://www.aa.com/group). There is not a charge to book online with American. The Authorization # 87N2BM is required to secure the discount.

**United Airlines** - 2%-10% discount - Reservations and ticketing is available at [www.united.com](http://www.united.com). There is not a charge to book online with United. You may also call United Meetings at 800-521-4041; there is a $25 service fee for phone reservations. The Agreement Code # 488495 & the Z Code # ZMXW are required to secure the discount.

---

**Ground Transportation:**

**By Taxi**
Follow signs in either airport for ground transportation and taxi service. Fares range from $25 to $35 one way to/from Fort Lauderdale/Hollywood International Airport and $60 to $80 one way to/from Miami International.

**Shared Ride - Shuttle Service:** Go Airport Shuttle and Executive Car Service provides airport/hotel shuttle service from the Ft. Lauderdale Airport to the Westin Diplomat or Crowne Plaza Hollywood Beach. One way fare is $13 (includes gratuity). No reservations are needed for the transfer from the airport to the hotel; meet the shuttle at the airport lower level curbside (maximum 30-minute wait for a shuttle, but most shuttles leave within ten minutes). Shuttles stop at multiple hotels (up to 45 minutes) along the way. For the return trip from the Westin Diplomat or Crowne Plaza Hollywood Beach to the Ft. Lauderdale airport, a reservation is required with minimum 24-hour notice. One way fare is $13 (includes gratuity). Shuttle will make multiple stops on the return trip as well. To make a return reservation, call 954-561-8888 or 800-244-8252, or [www.go-airportshuttle.com](http://www.go-airportshuttle.com).

**Private Transfer:** Go Airport Shuttle and Executive Car Service provides private airport/hotel transfers from the Ft. Lauderdale Airport to the Westin Diplomat or Crowne Plaza Hollywood Beach:

**Arrival Transfer from Ft. Lauderdale Airport to Westin or Crowne Plaza:** No reservations are needed for this transfer from the airport to the hotel; request a private sedan outside of baggage claim. Estimated 5-10 minute wait for a sedan. One way fare is $45 (plus gratuity).

**Arrival Transfer with Meet and Greet Service:** You may arrange for a driver to meet you at baggage claim with a sign bearing your name, assist you with your luggage, and transfer you to the Westin or Crowne Plaza for a one way charge of $63.25 (plus gratuity). Reserve by calling 954-561-8888 or 800-344-8252 or online at [www.go-airportshuttle.com](http://www.go-airportshuttle.com).

**Return Transfer from Westin/Crowne Plaza to Ft. Lauderdale Airport:** For a return transfer from the Westin Diplomat or Crowne Plaza Hollywood Beach to the Ft. Lauderdale airport via a private sedan, a reservation is required with minimum 24-hour notice. One way fare is $45 (plus gratuity). To make a reservation, call 954-561-8888 or 800-244-8252, or [www.go-airportshuttle.com](http://www.go-airportshuttle.com).
**Rental Car:**
**HERTZ** - Located conveniently across from the resort in the Diplomat Landing. Hertz is offering special discounts to all ACNP attendees for the Annual Meeting in Florida. To secure the ACNP rate you will need the discount code: CV#04TV0001. To reserve your car rental contact Travel & Transport at 1-866-224-2021 or 1-678-784-3049. You may also contact Hertz direct at 1-800-654-2240 or check rates and book online at [CHECK RATES & BOOK HERTZ.](#)

**Avis** is also offering discounted rates for the ACNP 51st Annual Meeting. The Avis Worldwide Discount (AWD) Number is D256957. Please use this AWD number when calling Avis directly at 1-800-331-1600 to receive the best car rental rates available. Use this direct link to Avis. It will auto fill the discount number and will rate shop all available vehicles and their rates. The discount is effective 7 days before and 7 days after the meeting.

**HOTEL PARKING**
To make parking convenient valet and self-parking are available 24 hours a day. Self-parking is located at a multi-level facility connected through a covered skywalk. Parking rates are: valet parking at $24 per day and self-parking across the street at $20 per day with in/out privileges.
INFORMATION ABOUT CME CREDIT

The 2012 ACNP Annual Meeting is jointly sponsored by the Vanderbilt University School of Medicine and the ACNP. This activity has been planned and implemented in accordance with the Essentials Areas and Policies of the Accreditation Council for CME (ACCME) through the joint sponsorship of Vanderbilt University School of Medicine and the ACNP.

Vanderbilt University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Vanderbilt University School of Medicine designates this live activity for a maximum of 33 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

There will be a $40.00 charge for scientific registrants to obtain CME credits. CME instructions will be available at the meeting registration desk and on the ACNP website (www.acnp.org).

It is the policy of Vanderbilt University School of Medicine to require disclosure of financial relationships from individuals in a position to control the content of a CME activity; to identify and resolve conflicts of interest related to those relationships; and to make disclosure information available to the audience prior to the CME activity. Presenters are required to disclose discussions of unlabeled/unapproved uses of drugs or devices during their presentations.

Program Overview/Statement of Need

The Annual Meeting of the American College of Neuropsychopharmacology is designed to meet the educational needs of ACNP members and invited non-member colleagues. Current data suggests that in any given year more than 20% of the U.S. adult population suffers from a diagnosable mental disorder. Four of the ten leading causes of disability in the U.S. are psychiatric disorders, including schizophrenia, depression, bipolar disorder, and obsessive-compulsive disorder. ACNP members have been among the leaders in identifying underlying mechanisms for these disorders and developing new treatment strategies. The desired results for the meeting are that ACNP members and their invited guests learn of the latest developments in preclinical and clinical research being performed by their colleagues and world experts in order to 1) enhance understanding of the neurobiological bases of current best practice approaches, 2) enhance understanding of neurobiological and clinical science underpinnings in development of novel therapeutic strategies, particularly for treatment-resistant forms of illness, and 3) lead to improvements in study designs for proposed clinical and basic studies.

Target Audience

The target audience includes members of the American College of Neuropsychopharmacology and invited experts. The audience includes physicians, psychologists, and basic neuroscientists from across the United States as well as Europe and Asia. The physicians include a number of specialties, with psychiatrists representing the majority of attendees, and neurologists next most common. Psychologists include clinical psychologists and neuropsychologists.
Learning Objectives:

After participating in this CME activity, participants should be able to:

- Describe and discuss how the results of recent or ongoing basic science and/or clinical studies of psychiatric disorders in your area of interest or a related area impact your current or potential future research projects.

- Describe and discuss how you will change or modify a current approach or strategy in your current or potential future research projects based on what you learned from the results of recent or ongoing basic science and/or clinical studies of psychiatric disorders in your area of interest or a related area.

- Describe and discuss how recent progress in identifying genetic variations that are risk factors for the development of psychiatric disorders affect your current or potential future research projects.

Americans with Disabilities Act

It is the policy of Vanderbilt University School of Medicine not to discriminate against any person on the basis of disabilities. If you feel you need services or auxiliary aids mentioned in this act in order to fully participate in this continuing education activity, please call the Executive Office at 615-324-2360 or send an email to acnp@acnp.org.

Register Online at www.acnp.org