

Registration Information

Cost: \$450.00 if received by May 15, 2008
\$470.00 after May 15, 2008

Enclosed is a check for \$ _____

Charge my credit card for \$ _____

Visa MasterCard

Card Number Exp. Date & Security #

Card Holder's Signature
(required for credit card payment)

Detach this portion and mail:

The Institute for the Psychological Sciences
2001 Jefferson Davis Highway
Suite 511
Arlington, VA 22202

Or register by faxing information to
(703) 416-8588
Or by phone
(703) 416-1441

Email: mruhl@ipsciences.edu

Cancellations must be made prior to May 19, 2008 for a full refund. No refunds are offered after this date.

Continuing Education Credits

The Institute for the Psychological Sciences is approved by the American Psychological Association to sponsor continuing education for psychologists. IPS maintains responsibility for programs and their content. This seminar offers this activity for 15 CE Credits to participating psychologists. Full attendance is required. No partial credit will be offered for partial attendance.



IPS Certification

This course is open to psychologists, social workers, counselors and other mental health professionals. The Institute is accredited by the Commission of Colleges of the Southern Association of Colleges and Schools to award master and doctoral degrees. Many mental health licensing boards will accept CE offerings from regionally accredited institutes.

June 2-6, 2008

Washington, DC

Continuing Education

Psychopharmacology



Professor James Giordano, Ph.D.

A Workshop Offering
Continuing Education Credits

Psychopharmacology

15 CE Credits

Monday, June 2– Friday, June 6, 2008

1:00-4:00 pm

This course provides an overview of the major categories of drugs used in the treatment of principal psychiatric disorders. Beginning with the fundamental processes of pharmacokinetics and pharmacodynamics, and introducing the new area of pharmacogenomics, the initial lectures will establish a basis for understanding how agents are absorbed, distributed, metabolized and utilized.

Major categories of pharmacological agents used to treat principal psychiatric disorders will be addressed, including pharmacotherapeutics for anxiety disorder(s) (benzodiazepine, and non-benzodiazepine anxiolytic agents); mood disorders (monoamine oxidase inhibitors, tri- and heterocyclic antidepressants, serotonin, norepinephrine and dopamine reuptake inhibitors, lithium, and membrane stabilizers); and anti-psychotic medications (prototypic and atypical anti-psychotics). For each category, major effects, side effects, indications and contraindications for use will be addressed and discussed in order to afford a broad, yet thorough working knowledge of psychotropic agents that are commonly used in clinical practice.

About the Speaker:

Professor James Giordano, Ph.D.



*Samueli-Rockefeller Professor
Department of Medicine,
Division of Palliative Care
Scholar in Residence, Center
for Clinical Bioethics
Georgetown University
Medical Center
Director, Center for Brain,
Mind, and Healing Research at
the Samueli Institute*

Course Objectives:

1. Be familiar with basic mechanisms of drug absorption, distribution, metabolism, utilization and excretion.
2. Describe the basic mechanism of panic and generalized anxiety disorders, and define the mechanism and basic effects' profiles on principal benzodiazepine, and non-benzodiazepine anxiolytic agents.
3. Describe basic pathologic mechanism(s) of primary mood disorders, and define the mechanism and basic effects of the monoamine oxidase inhibitors and prototypic tri- and hetero-cyclic antidepressant drugs.
4. Describe the mechanisms and effects of the serotonin, norepinephrine and dopamine re-uptake inhibitors, and contrast the effects (and potential utility) of these agents with older classes of antidepressant drugs; define the mechanisms of the prototypic membrane stabilizers and lithium.
5. Describe the basic pathologic mechanism of psychotic (i.e.-schizophrenic spectrum) disorders(s), and define the mechanisms and effects of the prototypic and novel (atypical) anti-psychotic drugs.



Dr. Giordano's research has focused upon neurochemical and anatomical substrates of neuropathic pain, and clinical applications of the development and implementation of analgesic drugs and novel technologies. His current work addresses the neuroethics of pain, suffering and sentience, and examines how new developments in neuroscience inform and sustain an evolving philosophy and ethics of mind and medicine.

Dr. Giordano is the author of over 100 peer-reviewed publications and is the deputy editor-in-chief of the journal *Pain Physician*; associate editor the journal *Neuroethics*; bioethics section editor for *Practical Pain Management*; neuroscience and ethics section editor for the international journal *Forschende Komplementärmedizin*; and associate editor for science and ethics of the journal *Spirituality and Health International*. He has given over 100 invited lectures, both nationally and internationally, on neuroscience, neuroethics, pain, and the ethics of pain research and therapeutics.

IPS Certification Program

Registration Form

The Institute for the Psychological
Sciences
Arlington, VA 22202

Name _____

Title _____

Address _____

City _____

State _____ Zip Code _____

Telephone _____

Email: _____

Fax _____

MD Ph.D. LCSW Other _____



See other side for more registration
information.