

**COURSE AGENDA:
UNDERSTANDING MENTAL
HEALTH MEDICATIONS**

8:00 - 8:30: *Course Registration and Continental Breakfast Service*

- 8:30 - 12:00: **Pharmacology of Clinical Antidepressants:**
- * History of clinical development and appearance
 - * Use of antidepressants to treat comorbid anxiety, depression and pain
 - * Neurobiology of depression as an organic disorder
 - * Pharmacology of Tricyclic Antidepressants
 - * Pharmacology of Atypical Antidepressants: trazodone, bupropion, venlafaxine and clomipramine

10:00 - 10:15 *Morning Break*

- * Serotonin-Specific Reuptake Inhibitors: fluoxetine, paroxetine, sertraline, fluvoxamine, citalopram and escitalopram
- * Serotonin syndrome and serotonin withdrawal syndrome
- * Pregnancy, depression and serotonin withdrawal syndrome in the neonate

12:00 - 1:00: *Lunch Break (on your own)*

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1:00 - 2:15: **Pharmacological Treatment of Bipolar Disorder:**

- * Pharmacology of Lithium
- * Pharmacology of Anticonvulsants as mood stabilizers: carbamazepine, oxcarbazepine, valproic acid, gabapentin, pregabalin, lamotrigine, topiramate
- * Omega-3 fatty acids in bipolar disorder
- * Issues in the treatment of child and adolescent bipolar disorder

2:15 - 2:30 *Afternoon Break*

2:30 - 4:00: **Atypical Antipsychotic Drugs: "Approved" and "Off-Label" uses and controversies:**

- * Classification of agents and differences from "typical" antipsychotics
- * Use for behavioral control in the elderly
- * Specific agents: Clozapine, risperidone, paliperidone, olanzapine, quetiapine, ziprasidone, aripiprazole and amisulpride
- * Uses in the treatment of autism and other pervasive developmental disorders, bipolar disorder, anorexia, adolescent mania and behavioral dyscontrol, disorders associated with behavioral aggression or agitation, borderline personality disorder, resistant depression, dysthymia and resistant anxiety disorders (OCD and PTSD)

**COURSE INSTRUCTOR:
Robert M. Julien, M.D., Ph.D.**



Dr. Robert Julien received his Ph.D. in Pharmacology from the University of Washington and his Medical Degree from the University of California at Irvine. A nationally acclaimed teacher and author, Dr.

Julien's psychopharmacology textbook, *A Primer of Drug Action* (Worth Publishers, 2008) with 30+ years of continuous publication is regarded as the definitive textbook of psychopharmacology. Dr. Julien lectures widely on psychopharmacology and brings clarity and understanding to the most complex of topics. Every lecture brings to you the very newest drug information and the most up-to-date medical literature.

ACCREDITATIONS:

- ⌘ **Naturopathic Physicians:** Application to grant **6.0 (pharmacy or general)** continuing education hours has been submitted to the **Oregon Board of Naturopathic Examiners.**
- ⌘ **Nurses:** Robert M. Julien, M.D., Ph.D. is a provider approved by the **California Board of Registered Nursing**, provider number: CEP 13054. These courses provide **6.0** continuing education hours per day. *These hours will be accepted by the Oregon State Board of Nursing.*
- ⌘ **Pharmacists:** Application to grant **6.0** continuing education hours has been submitted to the **Oregon Board of Pharmacy.**
- ⌘ **Psychologists:** These seminars meet continuing education criteria for psychologists licensed in Oregon for **6.0** hours.

If your board is not listed, please check their current regulations to determine how to receive credit.

Continuing education certificates will be provided at the end of the day.

Northwest Psychopharmacology Seminars



Robert M. Julien, M.D., Ph.D.

**UNDERSTANDING
MENTAL HEALTH
MEDICATIONS**

Friday, October 16, 2009

*Monarch Hotel & Conference Center
12566 SE 93rd Avenue
Portland, Oregon*

Friday, October 23, 2009

*Oregon Medical Association
11740 SW 68th Parkway, Suite 100
Portland, Oregon*

8:30 a.m. - 4:00 p.m.

(Registration and continental breakfast service begin at 8:00 a.m.)

\$125 per person

\$110 per person, groups 3+

Northwest

Psychopharmacology Seminars provides an accredited opportunity for professionals to increase the scope of their pharmacological knowledge in a straightforward, easy to understand manner.

Most importantly, you will learn to incorporate this material into your clinical practice.