

Northwest Psychopharmacology Seminars
P.O. Box 80808
Portland, Oregon 97280-1808

**Pharmacological Treatments
for Chronic Pain**

Tuesday, April 8 -- Portland
Tuesday, April 22 -- Salem

www.drjulien.com

Spring 2008 ☼ 6 hours of CE credit ☼ \$125

Northwest Psychopharmacology Seminars



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

Pharmacological Treatments for Chronic Pain

*Portland Adventist Hospital
Portland, Oregon*

Tuesday, April 8

*Best Western Mill Creek Inn
Salem, Oregon*

Tuesday, April 22



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.

COURSE AGENDAS

complete agendas, course goals and objectives
are available on the website:
www.drjulien.com

PHARMACOLOGICAL TREATMENTS FOR CHRONIC PAIN PRESENTED BY: DR. JULIEN

8:00 – 8:30: *Course Registration and Breakfast*

8:30 - 9:30: **Pain Mechanisms:
Acute vs. Chronic Pain
Targets in Pain Treatment**

9:30 - 10:30: **Four-Tiers of Pharmacologic
Management
Pharmacology of NSAIDS and
their Future**

(Break from 10:30 - 10:45)

10:45 - 12:00: **Pharmacology of Antidepressants
as Analgesics
Pharmacology of Mood Stabilizers
as Analgesics**

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

1:00 – 2:00: **Pharmacology of Opioid Analgesics
Pharmacology of Cannabinoids as
Analgesics**

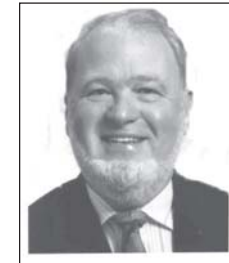
(Break from 2:00 - 2:15)

2:15 - 3:00: **Using the Glutamate Receptor as a
Model for Analgesics Action:
Dextromethorphan
Alpha-2 Agonists as Analgesics**

3:00 - 4:00: **Concept of “Opioid-Sparing” as a
Model for Pain Management
Communication with Patients and
Prescribers**

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. The textbook covers
psychotherapeutic agents as well as substances of abuse.

Dr. Julien lectures widely on psychopharmacology and
brings clarity and understanding to the most complex of
topics. Dr. Julien routinely presents psychopharmacology
seminars for mental and behavioral health professionals
in Oregon. Each seminar covers similar classes of
psychotherapeutic drugs. However, each time is unique
in that every lecture brings to you the very newest drug
information and the most up-to-date medical literature.

ACCREDITATIONS

- ☼ **Naturopathic Physicians:** 6.0 continuing education hours in pain have been approved by the **Oregon Board of Naturopathic Examiners.**
- ☼ **Nurses:** Robert M. Julien, M.D., Ph.D. is approved provider by the **California Board of Registered Nursing**, provider number: CEP 13054. This course provides 6.0 continuing education hours.
- ☼ **Pharmacists:** 6.0 continuing education hours in pain have been approved by the **Oregon Board of Pharmacy.**
- ☼ **Psychologists:** *Pharmacological Treatments for Chronic Pain* meets continuing education criteria for psychologists licensed in Oregon for 6.0 hours per day.

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