

ROBERT M. JULIEN, M.D., Ph.D.

Education:

University of Washington, School of Pharmacy (1965-1970)  
B.S. (Pharmacy), 1965  
University of Washington, School of Medicine (1966-1970)  
M.S. (Pharmacology), 1968, Ph.D. (Pharmacology), 1970  
University of California at Irvine, College of Medicine (1974-1977)  
M.D., 1977

Professional experience:

Assistant Professor, Department of Medical  
Pharmacology and Therapeutics, California College  
Of Medicine, Univ. California, Irvine (1970-1974).  
Assistant Clinical Professor, Department of Medical  
Pharmacology and Therapeutics, California College of  
Medicine, Univ. of California, Irvine (1974-1977).  
Intern, Good Samaritan Hospital and Medical Center,  
Portland, Oregon (1977-1978).  
Resident, Department of Anesthesiology, Oregon Health  
Sciences University (1978-1980).  
Associate Professor, Departments of Anesthesiology and  
Pharmacology, Oregon Health Sciences University  
(1980-1983).  
Staff Anesthesiologist, St. Vincent Hospital and Medical  
Center, Portland, Oregon (1983-2006).  
Medical Director of Nurse Anesthesia (1987-1996).  
Chairman, Library Committee (1987-1989)  
Member, Quality Assurance Coordinating Council (1988-  
1992), Pharmacy & Therapeutics Committee (1990-  
1992), Medical Education Committee (1990-1994),  
Director of Oregon Health Sciences Univ. Emergency Medicine  
residents and Providence St. Vincent Internal Medicine  
residents on Anesthesia Rotations (1994-2006).  
President, Oregon Guild of Catholic Physicians, 1989-1990  
Board of Directors & Consulting Pharmacologist, The Samaritan  
Center, Portland, 1995-2000.  
Delegate: OMA Legislative Conf. (Washington Cty Med Soc), 1997-2001  
Adjunct Professor: Lewis & Clark College Graduate School, 1997

Memberships:

Amer. Soc. for Pharmacology and Experimental Therapeutics  
American Society of Anesthesiologists  
International Anesthesia Research Society  
Western Pharmacology Society  
Oregon Medical Association  
Oregon Society of Anesthesiologists

Listings: Who's Who in the West; Who's Who in America; Who's Who in Medicine  
and Healthcare; International Health Professionals of the Year,  
2005; Guide to America's Top Physicians, 2004-5; International  
Who's Who of Professionals; Madison's Who's Who Among Executives  
and Professionals.

## BOOKS

- 1 Julien, R.M.  
A Primer of Drug Action, W.H. Freeman & Company, New York.  
1st edition, 1975; 2nd edition, 1978; 3rd edition, 1981;  
4th edition, 1985; 5th edition. 1988; 6th edition, 1991;  
7th edition, 1995, 8th edition, 1998; 9th edition 2001;  
10th edition 2005; 11<sup>th</sup> edition, 2008 (with C. Advokat and J. Comaty).  
Published in German, 1997. Published in Italian, 1997.
2. Julien, R.M.  
Understanding Anesthesia: An Introduction for Students of the  
Health Sciences, Addison-Wesley Publishing Co., Palo Alto, Ca.  
1984; Butterworths: Boston, 1985; reprinted, 1988
3. Julien, R.M.  
Drugs and the Body  
W.H. Freeman & Company, New York, 1988
4. Julien, R.M., Julien, S.M. and Julien, J.D.  
A Gift of Rainbows. In Preparation

## REVIEWS

1. Julien, R.M.  
Drugs and Behavior. In: Psychology 73-74 Encyclopedia.  
Dushkin Publishing Group Guilford, Conn., pp 73-77, 1973.
2. Julien, R.M.  
Experimental Epilepsy: Cerberus-cerebellar Interactions  
and Antiepileptic Drugs  
In: "The Cerebellum, Epilepsy and Behavior"  
I.S. Cooper, M. Riklan, and R.S. Snider, editors. Plenum Press,  
New York, pp 97-117, 1974.
3. Julien, R.M. and Hollister, R.P.  
Carbamazepine: Mechanism of Action  
In: "Complex Partial Seizures and Their Treatment". (Advances in  
Neurology, Vol. 11), J.K. Penry and D.D. Daly, editors.  
Raven Press, New York, pp 263-276, 1975.
4. Laxer, K.D., Julien, R.M. and Dow, R.S.  
Phenytoin: Relationship Between Cerebellar Function and  
Epileptic Discharges  
In: "Antiepileptic Drugs: Mechanisms of Action". (Advances in  
Neurology, Vol. 27), G.H. Glaser, J.K. Penry and D.M. Woodbury,  
editors. Raven Press, New York, pp 415-427, 1980.
5. Julien, R.M.  
Carbamazepine: Mechanism of Action  
In: "Antiepileptic Drugs", second edition. D.M. Woodbury, J.K.  
Penry and C.E. Pippenger, editors. Raven Press, New York  
pp 543-547, 1982.

6. Julien, R.M.  
Book Review: Adverse Reactions to Anesthetic Drugs.  
Anesthesia and Analgesia 61: 550, 1982.
7. Julien, R.M.  
Antiepileptic Agents  
In: "Drug Interactions in Anesthesia", second edition.  
Editors: N. Ty Smith, R. Miller and A. Corbascio.  
Lea & Febiger: Philadelphia, 1986, pp. 245-260.
8. Julien, R.M.  
General Anesthetic Agents  
In: "The Nurse, Pharmacology, and Drug Therapy"  
M. Shlafer and E.N. Marieb, eds.  
Addison-Wesley, Redwood City, Ca. 1989, pp. 314-331.
9. Julien, R.M.  
Are You Abusing (Over-the-Counter) Drugs?  
In: "1990 Medical and Health Annual", E. Bernstein, ed.  
Encyclopedia Britannica, Chicago, 1989, pp. 431-434.
10. Julien, R.M.  
"Treatment of Alcohol Craving", Zyban for Smoking Cessation",  
"What is the Meaning of a Positive Marijuana Urinalysis?",  
ACCBO-AADACO NEWS, 1997-1998.
11. Julien, R.M."Psychiatry of Drugs and Behavior"  
In:"International Encyclopedia of the Social and Behavioral Sciences",  
N. J. Smelser and P. B. Baltes, Editors-in-chief.  
Oxford: Elsevier, 2001.
12. Julien, R.M.  
"Dementing Drugs"  
In: The Oregon Defense Attorney, volume 24, No. 7, 2003, 11-13.
13. Julien, R. M.  
"Psychostimulants"  
The Oregon Defense Attorney, 24, No. 8, 2003, 6-8.
14. Julien, RM  
"Depression as an Organic Disease,"  
The Oregon Defense Attorney, 24, no. 9, 2003: 6-8.
15. Julien, RM  
"Club Drugs, Date-Rape Drugs, and Psychedelics"  
The Oregon Defense Attorney, 24, No. 10, 2003: 8-10.
16. Julien, RM  
"Drugs in Psychiatry"  
In: *Encyclopedia Americana*, Scholastic Library Publishing, 2006
17. Julien, RM

"Antianxiety medications"

In: *Corsini Encyclopedia of Psychology*, John Wiley and Sons, in press

MANUSCRIPTS

1. Julien, R.M. and Halpern, L.M.  
The Effect of diphenylhydantoin on Post-Tetanic Excitability in Isolated Rabbit Vagus.  
*Proc. West. Pharmacol. Soc.* 11: 43-45, 1968.
2. Julien, R.M. and Halpern, L.M.  
An Approach to Drug Abuse Education.  
*Washington-Alaska Pharmacist* 10: 13-16, 1968.  
Reprinted with permission in multiple journals.
3. Julien, R.M. and Halpern, L.M.  
Stabilization of Excitable Membrane by Chronic Administration of Diphenylhydantoin.  
*J. Pharmacol. exp. Therap.* 175: 206-212, 1970.
4. Julien, R.M. and Halpern, L.M.  
Diphenylhydantoin-induced Increases in Cerebellar Purkinje Cell Discharge and its Relationship to Control of Seizure Activity in Experimental Epilepsy. *Proc. West. Pharmacol. Soc.* 13: 156-159, 1970.
5. Julien, R.M. and Halpern, L.M.  
Diphenylhydantoin: Evidence for a Cerebellar Action.  
*Life Sciences* 10: 575-582, 1971.
6. Julien, R.M., Kavan, E.M. and Elliott, H.W.  
Effects of Volatile Anesthetic Agents on EEG Activity Recorded in Limbic and Sensory Systems.  
*J. Canad. Anaesth. Soc.* 19: 263-269, 1972.
7. Julien, R.M.  
Anticonvulsant Action of Diphenylhydantoin in Mice with Genetic Cerebellar Degeneration.  
*J. Pharmacol. exp. Therap.* 180: 239-243, 1972.
8. Halpern, L.M. and Julien, R.M.  
Augmentation of Cerebellar Purkinje Cell Discharge Rate after Diphenylhydantoin.  
*Epilepsia* 13: 377-385, 1972.
9. Julien, R.M. and Halpern, L.M.  
Effects of Diphenylhydantoin and other Antiepileptic Drugs on Epileptiform Activity and Purkinje Cell Discharge Rates.  
*Epilepsia* 13: 387-400, 1972.
10. Julien, R.M.  
Cerebellar Involvement in the Antiepileptic Action of Diazepam  
*Neuropharmacology* 11: 683-691, 1972.

11. Julien, R.M., Macri, J.R. and Kunis, D.M.  
Effect of Regional Lidocaine Infusion on Penicillin-induced Epileptiform Discharge: Correlation of Anticonvulsant Effect with Blood Levels.  
Proc. West. Pharmacol. Soc. 15: 170-172, 1972.
12. Kavan, E.M. and Julien, R.M.  
Effects of Enflurane on Spontaneous EEG Activity and Evoked Potentials in Subcortical Structures in Acute Cats.  
Proc. West. Pharmacol. Soc. 15: 166-169, 1972.
13. Kavan, E.M., Julien, R.M. and Lucero, J.J.  
Electrographic Alterations Induced in Limbic and Sensory Systems during Induction of Anesthesia with Halothane, Methoxyflurane, Diethyl Ether and Enflurane (Ethrane).  
Brit. J. Anaesth. 44: 1234-1238, 1972.
14. Julien, R.M. and Kavan, E.M.  
Electrographic Studies of a New Volatile Anesthetic Agent: Enflurane (Ethrane).  
J. Pharmacol. exp. Therap. 183: 393-403, 1972.
15. Julien, R.M.  
Lidocaine in Experimental Epilepsy: Correlation of Anticonvulsant Effect with Blood Concentrations.  
Electroenceph. Clin. Neurophysiol. 34: 639-645, 1973.
16. Kavan, E.M., Julien, R.M. and Elliott, H.W.  
Central Nervous System Effects of Althesin (CT 1341): A New Steroid Anaesthetic Agent.  
J. Canad. Anaesth. Soc. 20: 528-538, 1973.
17. Julien, R.M.  
Effect of Carbamazepine on Experimental Epilepsy in the Cat.  
Proc. West. Pharmacol. Soc. 16:126-128,1973.
18. Kavan, E.M. and Julien, R.M.  
Neurophysiological Effects of Forane and Althesin (CT 1341).  
Proc. West Pharmacol. Soc. 16:78-81, 1973.
19. Julien, R.M.  
Photographic and Darkroom Techniques in Neurophysiology.  
The Carrier 1: No. 3: 1-6, 1973.
20. Julien, R.M. and Laxer, K.D.  
Cerebellar Responses to Penicillin-induced Cerebral Cortical Epileptiform Discharges.  
Electroenceph. clin. Neurophysiol. 37: 123-132, 1974.
21. Demetrescu, M. and Julien, R.M.  
Local Anesthetics and Experimental Epilepsy.  
Epilepsia 15: 235-248, 1974.

22. Kavan, E.M. and Julien, R.M.  
Central Nervous System Effects of Isoflurane: A New Inhalation Anaesthetic Agent.  
J. Canad. Anaesth. Soc. 21: 390-402, 1974.
23. Kavan, E.M., Julien, R.M. and Lucero, J.J.  
Persistent Electro-encephalographic Alterations Following Administration of some Volatile Anaesthetics.  
Brit. J. Anaesth. 46: 714-721, 1974.
24. Julien, R.M. and Kavan, E.M.  
Electrographic Studies of Isoflurane (Forane).  
Neuropharmacology 13: 677-681, 1974.
25. Julien, R.M., Fowler, G.W. and Danielson, M.G.  
The Effects of Antiepileptic Drugs on Estrogen-induced Electrographic Spikewave Discharge.  
J. Pharmacol. exp. Therap. 193: 647-656, 1975.
26. Hollister, R.P. and Julien, R.M.  
Studies on the Mode of the Antiepileptic Action of Carbamazepine.  
Proc. West. Pharmacol. Soc. 17: 103-106, 1974.
27. Fowler, G.W. and Julien, R.M.  
A New Laboratory Model for the Evaluation of Antiepileptic Drugs.  
Proc. West. Pharmacol. Soc. 17: 107-109, 1974.
28. Julien, R.M. and Demetrescu, M.  
Local Anesthetics: Central Effect Following Application to Wound Margins in Experiental Animals.  
T.I.T. Journal of Life Sciences 4: 27-30, 1974.
29. Julien, R.M. and Kavan, E.M.  
Electrophysiological Effects of Etoxadrol (CL 1848C): A New Intravenous Anesthetic Agent.  
Neuropharmacology 14: 53-59, 1975.
30. Mishler, J.M., Jackson, C.A., Nicora, R.W. and Julien, R.M.  
Comparison of Lidocaine Preparations by In Vivo Assay Methods.  
Amer. J. Hosp. Pharm. 32: 489-491, 1975.
31. Fairhurst, A.S., Julien, R.M. and Whittaker, M.L.  
Effects of Ionophores A23187 and X537A on Brain Calcium, Catecholamines and Excitability.  
Life Sciences 17: 1433-1444, 1975.
32. Lange, S.C., Julien, R.M. and Fowler, G.W.  
Biphasic Effects of Imipramine in Experimental Models of Epilepsy.  
Epilepsia 17: 183-196, 1976.

33. Lange, S.C., Fowler, G.W. and Julien, R.M.  
The Antiepileptic and Pro-convulsant Effects of Imipramine in  
Experimental Models of Epilepsy.  
Proc. West. Pharmacol. Soc. 19: 198-203, 1976.
34. Julien, R.M. and Fowler, G.W.  
Effectiveness of N,N'-dimethoxy-methyl-phenobarbital  
(Eterobarbital) on Febrile Seizures.  
Proc. West. Pharmacol. Soc. 20: 73-77, 1977.
35. Julien, R.M. and Fowler, G.W.  
A Comparative Study on the Efficacy of Newer Antiepileptic Drugs  
on Experimentally-induced Febrile Convulsions.  
Neuropharmacology 16: 719-724, 1977.
36. Purdy, R.E., Julien, R.M., Fairhurst, A.S. and Hutchison, M.D.  
Effect of Carbamazepine (Tegretol) on the In-Vitro Uptake and  
Release of Norepinephrine in Adrenergic Nerves of Rabbit Aorta  
and in Whole Brain Synaptosomes. Epilepsia 18: 251-257, 1977.
37. Lange, S.C. and Julien, R.M.  
Reevaluation of Estrogen-induced Cortical and Thalamic Paroxysmal  
EEG Activity in the Cat.  
Electroenceph. clin. Neurophysiol. 44: 94-103, 1978.
38. Bracis, R., Siebers, K. and Julien, R.M.  
Meningitis Caused by Strain IIj Following a Dog Bite.  
West. J. Medicine 131-138, 1979.
39. Hirshman, C. Krieger, W., Littlejohn, G., Lee, R. and Julien, R.M.  
Ketamine-Aminophylline Induced Decrease in Seizure Threshold.  
Anesthesiology 54: 464-467, 1982.
40. Julien, R.M.  
Potentially Fatal Machine Fault.  
Anesthesiology 58: 584-585, 1983.
41. Julien, R.M.  
Techniques in Anesthesia: Supplimentation in Regional Anesthesia.  
E.I. DuPont De Nemours and Co., Wilmington, Delaware, 1984.
42. Julien, R.M.  
Nalbuphine Antagonism of Opiate-Induced Respiratory Depression.  
Anesthesiology Review, 12, No.6, Nov-Dec, 1985, pp 29-32.
43. Pollard, J.  
Clinical Evaluation of Intravenous vs Inhalation Anesthesia in  
the Ambulatory Surgical Unit: A Multicenter Study.  
(Participant in clinical study).  
Current Therapeutic Research 36, October, 1984.

44. Nitka, A.C., O'Riordan, E.F. and Julien, R.M.  
A New Technique of Scavenging Exhaled Nitrous Oxide.  
Anesthesiology, 63: 00-00, Oct. 1986.
45. Anderson, D. and Julien, R.M.  
Techniques in Dental Anesthesia  
DuPont Pharmaceuticals, Inc., 1986.
46. Julien, R.M.  
Techniques in Anesthesia: Intraoperative Analgesia. Numorphan  
as an Intraoperative Analgesic.  
DuPont Pharmaceuticals, Inc., 1986.
47. Julien, R.M.  
The Privilege of Walking a Few Steps with Patients.  
Amer. Soc. Anesthesiologists Newsletter 59 12:38, 1996
48. What is the Meaning of a Positive Marijuana Urinalysis?" Reprinted in the  
Oregon Defense Attorney Newsletter and the New Hampshire Association of  
Criminal Defense Attorney Newsletter, 1998.

#### ABSTRACTS

1. Julien, R.M. and Halpern, L.M.  
Cerebellar Action of Diphenylhydantoin on Penicillin-induced  
Cerebral Cortical Epileptic Foci.  
Federation Proceedings 29: 384, 1970.
2. Julien, R.M.  
Cerebellar and Antiepileptic Effects of Diazepam.  
The Pharmacologist 13: 205, 1971
3. Kavan, E.M., Julien, R.M. and Elliott, H.W.  
Differential Effects of Anesthetic Agents on Limbic  
and Sensory Systems.  
Proc. 10th Congress of the Scand. Soc. of Anaesth., Lund, 1971.
4. Kavan, E.M., Julien, R.M. and Elliott, H.W.  
Immediate and Long Term Effects of Volatile Anesthetic Agents  
on the Central Nervous System.  
1971 Meeting of the Amer. Soc. of Anes., pp 99-100, 1971.
5. Julien, R.M.  
Convulsant and Anticonvulsant Effects of Lidocaine in  
Epileptic Cats.  
Fifth Int. Cong. on Pharmacol.; Abst. of Sci. Papers, p.117, 1972.
6. Demetrescu, M. and Julien, R.M.  
Does Local Anesthesia Alter Results in Acute Preparations?

Tenth Aniv. Meeting, UCLA Brain Research Institute, July, 1972.

7. Kavan, E.M. and Julien, R.M.  
Effects of Certain Intravenous Anesthetic Agents on EEG Activity Recorded in Limbic and Sensory Systems.  
1972 Annual Meeting of the Canadian Anesthetists Society
8. Kavan, E.M. and Julien, R.M.  
Effects of Anesthetic Agents on EEG Activity Recorded in Limbic and Sensory Systems.  
Electroenceph. Clin. Neurophysiol. 36: 212, 1974
9. Fowler, G.W. and Julien, R.M.  
Comparative Study of Estrogen-induced Seizures.  
Clinical Research 22: 213A, 1974
10. Fowler, G.W. and Julien, R.M.  
Imipramine in Experimental Petit Mal Epilepsy.  
Neurology (Minneapolis) 24: 369, 1974
11. Julien, R.M., Lange, S.C. and Fowler, G.W.  
Evidence for a Cortical Estrogenic Involvement in Experimental Petit Mal Epilepsy.  
Society for Neuroscience, 1974
12. Fairhurst, A.S. and Julien, R.M.  
Effects of Calcium Inophores X537A and A23187 on Various Brain Preparations.  
Sixth Int. Congress on Pharmacology, 1975
13. Barden, H.W., Julien, R.M. and Kavan, E.M.  
Anesthetic-induced Alterations in Cortical Afterdischarge in the Cat.  
The Pharmacologist 17: 178, 1975.
14. Hutchison, M.T., Purdy, R.E. and Julien R.M.  
The Contribution of Neuronal Uptake to the Antiepileptic Action of Carbamazepine (Tegretol).  
The Pharmacologist 17: 178, 1975.
15. Barden, H.W., Kavan, E.M. and Julien, R.M.  
Effects of Enflurane (Ethrane) on Electrically-induced Cortical Afterdischarge in the Cat.  
Federation Proceedings 35: 729, 1976.
16. Fowler, G.W. and Julien, R.M.  
Effectiveness of Newer Anticonvulsants in Febrile Convulsions.  
Child Neurology Society, 1976.
17. Julien R.M.  
Effects of Nalbuphine on Normal and Oxymorphone-depressed Ventilatory Responses to Carbom Dioxide Challenge.

Anesthesiology 57: A 320, 1982.

18. Hirshman, C.A., Littlejohn, G., Lee, R. and Julien, R.M.  
Concurrent Use of Ketamine and Aminophylline Decreases  
Seizure Thresholds.  
Anesthesiology 57: A 362, 1982.
19. Nitka, A.C., O'Riordan, E.F. and Julien, R.M.  
A New Technique for Scavenging Exhaled Nitrous Oxide.  
Anesthesiology, 63 (3A), A190, 1985.

#### INVITED PRESENTATIONS

1. Oregon Association of Nurse Anesthetists, Fall symposium.  
Portland, Or., November 9-11, 1979.
2. International Anesthesia Research Society, 54th Congress.  
Reno, Nevada, invited discussant, March 13, 1980.
3. "A Nevada Educational Symposium" for nurse anesthetists.  
Las Vegas, Nevada, October 27, 1980.
4. Northwest Anesthesia Seminars (for CRNAs)  
Reno, Nevada, March 7-9, 1980.
5. Oregon Association of Nurse Anesthetists, Spring symposium.  
Eugene, Or., May 2-3, 1981.
6. Consultant, DuPont-Endo Laboratories  
Washington D.C., December 1-4, 1980.
7. UOHSC, Pharmacology Course for Medical Students.  
Lectures in Anesthesia, 1980.
8. Consultant, Prior Learning Experience Program  
Marylhurst College, Lake Oswego, Or., 1981-82.
9. Drugs and Behavior: Summer Session Course,  
Lewis and Clark College, Portland, Or., 1981.
10. UOHSC, School of Dentistry, Anesthesia Lectures, 1980-81.
11. UOHSC, Critical Care Nurses, Continuing education, Nov. 1980.
12. UOHSC, Division of Surgical Nursing, Inservice and tutorial  
education, 1979-1982.
13. "Drugs and Alcohol", Law Day Conference, Portland State  
University, May, 1981.

14. "Psychopharmacology and the Psychologist"  
A symposium for the Oregon Psychological Association.  
Lewis and Clark College, April 1981.
15. "Synthetic Opiates and their Function"  
Colorado Society of Anesthesiologists, Dillon, Co., July, 1981.
16. Montana Association of Nurse Anesthetists, Annual Seminar  
Helena, Montana, September, 1981.
17. "Protecting the Brain"  
Providence Hospital Grand Rounds, Portland, Or., 1982.
18. "Opiates: Past, present and future".  
Lane County Pharmaceutical Association, Eugene, Oregon, Jan. 1982.
19. "Epilepsy and Anesthesia"  
Oregon Society of Anesthesiologists, Portland, Feb., 1982.
20. "Sequential Analgesia"  
Martin Luther King Medical Center, Grand Rounds.  
Los Angeles, Ca. Feb. 1982.
21. "Anesthesia in Dentistry"  
Ten day course for dentists, Maui, Sept. 1981.
22. "Sequential Analgesia"  
Letterman General Hospital, San Francisco, March 1982.
23. Selected topics in physiology and pharmacology.  
Oregon Association of Nurse Anesthetists Annual Meeting.  
Ashland, Oregon, May 1982.
24. "Anesthesia for the Epileptic" and "Current topics on the  
control of pain".  
Sacred Heart Hospital and Lane County Surgical Society, May 1982.
25. "Update on the control of intraoperative and postoperative pain"  
Tuality Community Hospital, Hillsborough Or., June 1982.
26. "Narcotics in Anesthesia" and "Anesthesia and Epilepsy"  
California Association of Nurse Anesthetists,  
Palm Springs, May 1983.
27. "New drugs in anesthesia"  
Northwest Recovery Room Nurses Association, May, 1983.
28. "Outpatient Anesthesia"  
Dept. of Anesthesia, Bess Kaiser Medical Center, Sept. 1983.
29. "Narcotic agonists and antagonists" and "Anesthetic considerations  
for the epileptic patient", clinical dialogues and grand rounds,

Dept. of Anesthesiology, Univ. of Southern California  
Los Angeles, Jan. 1984.

30. "Perioperative fluid management"  
Vascular nursing, 1984 update, Portland, Feb. 1984.
31. "New drugs in anesthesia"  
Oregon Recovery Room Nurses Assoc., Portland, March 1984.
32. "Update on agonist-antagonist analgesics"  
West Virginia Association of Nurse Anesthetists.  
Greenbrier, West Virginia, March 1984.
33. "Agonist-antagonist analgesics in Anesthesia"  
Illinois Association of Nurse Anesthetists.  
Champagne, Il., May, 1984.
34. "Workshop on Drugs of Abuse"  
Reed College, Portland, Or., August 1984, 1985.
35. Visiting Professor, Department of Anesthesia,  
Maricopa County Medical Center, Pheonix, Arizona  
Jan 8-9, 1985.
36. "Psychopharmacology for Psychologists"  
Summer quarter course, Lewis & Clark College, Portland, 1985.
37. "Current Experiences with Sufentanyl"  
Portland, Or. Oct., 1985.
38. "Pharmacology of Cocaine"  
Symposium on Treatment of Cocaine Addiction,  
St. Vincent Hospital & Medical Center, Portland, Nov. 1985.
39. "The Pharmacology and Techniques of Conscious Sedation"  
50th Anniversary Symposium of the Oregon Society of  
Nurse Anesthetists, Beaverton, Or., Nov. 1985.
40. "New Drugs in Anesthesia"  
Northwest Recovery Room Nurses Association, Portland, Jan. 1986.
41. "Outpatient Anesthesia"  
Ground Rounds, Department of Surgery, St. Vincent Hospital,  
Portland, Jan, 1986.
42. "Update on Pharmacology for Anesthesia"  
Northwest Anesthesia Seminars, Las Vegas, March, 1986.
43. "Visiting Professor"  
Oshner School of Medicine, New Orleans, La., May, 1986.

- 44 "Drugs and Behavior", Psychology 555, Dept of Graduate Psychology, Lewis and Clark College, Portland, Fall Semester, 1986.
45. "Pain Management of the Surgical Patient", Challenges of Surgical Nursing-1987, St. Vincent Hospital, June, 1987.
46. "Placement and Uses of Epidural Catheters", Fall Symposium of National Intravenous Therapists Association, Portland, October, 1987.
47. "Epidural Control of Pain: Acute and Chronic", Orthopedic Nursing Update '87, Portland, October, 1987.
48. "Pharmacology of Midazolam (Versed)", Medical Grand Rounds, St. Vincent Hospital, March, 1988
49. "Expert Witness, Midazolam (Versed)", U.S. Congressional Subcommittee on Health Affairs, Washington DC, May, 1988
50. "Drugs and Behavior", Dept. of Graduate Psychology, Lewis and Clark College, Portland, Summer Semester, 1988
51. "Fentanyl in Obstetrics" and "Bleeding Abnormalities in the Laboring Patient-Anesthetic Considerations". CRNA Inservices, St. Vincent Hospital, Portland, December 1988
52. "Versed: An Update". Medical Grand Rounds, St. Elizabeth Hospital Yakima, Washington, January 1989
53. "Chronic Therapy for Cancer Pain". Oncology nursing education, St. Vincent Hospital, Portland, February 1989
54. "Intraspinal Opiates in a Community Hospital". Medical Staff lectures, McMinnville General Hospital, McMinnville, Or.
55. "Drugs for Anesthesia". Santiam Valley Surgical Nurses Assoc. McMinnville, Or., Sept., 1989
56. "Anesthetic Agents in the Office Setting". NW Region of the Amer. Soc. Plastic & Recon. Surgical Nurses, Sept. 1989
57. "Beta Blockers" and "MAO Inhibitors and Adrenergic Stimulants". Oregon Assoc. of Nurse Anesthetists, Portland, Nov. 1989
58. "Evolving Concepts of Spinal Analgesic Mechanisms" and "Pharmacology of Labor Analgesia". Symposium on Obstetric Anesthesia (also Symposium Organizer). St. Vincent Hospital, Portland, Feb. 10, 1990.

59. "Physiology & Pharmacology of Spinal Analgesia"; "Techniques in Management of Labor Analgesia"; "Hypotensive Anesthesia". Tri-State Nurse Anesthesia Symposium, Spokane, Wn., Sept. 1990.
60. "Brachial Plexus Blocks in Anesthesia"; "Current Concepts in Management of Labor Epidurals". Fall Symposium, Oregon Society of Nurse Anesthesia, Portland, Dec. 1, 1990
61. "New Concepts in Understanding Spinal Cord Pain Mechanisms and Challenges of Treatment". Cutting edge technology and challenges of acute care nursing. St. Vincent Hospital, June 10-11, 1991.
62. "Malignant Hyperthermia: Diagnosis and Treatment", St. Vincent Hospital & Medical Center, Portland, Dec. 5, 1991.
62. Visiting Professor of Anesthesia, Jeon-Buc National University Hospital & Chon Nam University Hospital, South Korea, December 11-12, 1991.
63. "Update on the Control of Intra-Operative and postoperative Pain", guest lecture, Korean Pain Research Association, Seoul, South Korea, December 14, 1991.
64. "Pharmacology of Psychoactive Drugs: A Symposium for Mental Health Professionals", Pacific Gateway Hospital, December, 1993
65. "Pharmacology of Toredol" Inservices for labor\delivery nurses, St. Vincent Hospital, May, 1994.
66. "Anandamide", Annual Kona Village Seminar, November 1994.
67. "Newer Antidepressants", Pacific Gateway Hospital, November, 1994.
68. "Antiepileptic Drugs for Non-epileptic Uses", Pacific Gateway Hospital, December, 1994.
69. "The Pharmacological Treatment of Mood Disorders", Pacific University, Psychological Service Center, School of Professional Psychology, January, 1995.
70. "New Concepts in the Treatment of Schizophrenia", Pacific Gateway Hospital, January, 1995.
71. "New Concepts of the Marijuana Receptor", Pacific Gateway Hospital, May, 1995.
72. "Understanding Depression", A Workshop for Clergy & Church Staff. The Samaritan Counseling Center, Oct., 1995.
73. "Update on Schizophrenia", Kona Village Seminar, November, 1995.

74. "The Pharmacology of Psychoactive Drugs", Day-long seminar for Clinical Psychologists, Counselors, and Social Workers. Sponsored by Pacific Gateway Hospital, Portland, January 24, 1996.
75. "Jazz Fest, 1996", 5 lectures at national CRNA seminar, New Orleans, April, 1996.
76. "Pharmacology of Drugs of Abuse", Day-long seminar for Clinical Psychologists, Counselors, and Social Workers. Sponsored by Pacific Gateway Hospital, Portland, July 11, 1996.
77. Psychopharmacology course for graduate student in addiction pathways program, Graduate School, Lewis & Clark College, Portland, Fall semester, 1996.
78. "Pharmacology of Psychotherapeutic Agents", Lewis & Clark College, Div. of Professional Development, Sept. 21, 1996.
79. "Pharmacology of Drugs of Abuse", Lewis & Clark College, Div. of Professional Development, November, 1996.
80. "Pharmacology of Psychotherapeutic Agents", Columbia Mental Health, Tacoma, WA. November 20, 1996.
81. "Pharmacology of Drugs of Abuse", Columbia Mental Health, Tacoma, WA. December 9, 1996.
82. "Pharmacology of Behavioral Stimulants, Antidepressants, and Anti-Manic Drugs", Presented by Northwest Psychopharmacology Seminars, Eugene, Medford, Pendleton, Bend, and Portland Oregon, March-April, 1997.
83. "Economics of Psychopharmacology", Presented to the Home Office Life Underwriters Association, Palm Desert, May 19, 1997.
84. "Psychopharmacology 565", Lewis & Clark College, Fall semester, 1997.
85. "Pharmacology of Sedative-Hypnotics, Anti-Psychotic Drugs and Marijuana" Presented by Northwest Psychopharmacology Seminars, Eugene, Medford, Pendleton, Salem, and Portland Oregon, October, 1997.
86. "An Update on Psychotropic Medication". 1997 Pacific Northwest Pastoral Counselors' Conference, Samaritan Counseling Center, Portland, October 16-17, 1997.
87. "Pharmacology of Psychotherapeutic Drugs". Sponsored by Multnomah County Dept. of Community & Family Services, Portland, November, 1997
88. "Neurobiology and Neuropharmacology of Addictive Drugs", Lewis & Clark College, Professional Development & Research, Portland, Jan-Feb, 1998.
89. "Opioid Analgesics and Pediatric Psychopharmacology". Presented by Northwest Psychopharmacology Seminars, Eugene, Medford, Pendleton,

Salem, and Portland Oregon, March-April, 1998; presented to Comprehensive Mental Health, Tacoma, WA, May 1998.

90. "Psychopharmacology of Adult ADHD," Presented to the Eugene Area Psychiatric Nurse Practitioners, May, 1998.
91. "Principles of Psychopharmacology", Internat. Assoc. of Chiefs of Police DRE, Drugs, Alcohol and Impaired Driving Conference, Portland, June, 1998.
92. "Psychopharmacology Update - 1998". Presented at the Oregon Nursing Association, Nurse Practitioners Conference, Eugene, Oct. 1998.
93. "Adult ADHD", Kona Village Seminar, November, 1998
94. "Psychopharmacology Update, Anabolic Steroids, Substance Abuse Update, CNS Reward Mechanisms, Nicotine, Psychedelic Drugs," Presented by Northwest Psychopharmacology Seminars, Eugene, Medford, Pendleton, Salem, and Portland Oregon, October-November, 1998.
95. "Drug-Induced Behavioral Impairment". Presented to Drug Recognition Evaluation instructors; Oregon State Police, Salem, Feb. 1999.
96. "Pharmacology of Opioid Narcotics", Portland State University, Counseling & Psychological Services, February 1999.
97. "Update on Child & Adolescent Psychopharmacology", Portland Public Schools, Psychological Services Division, February, 1999.
98. "Introduction to Psychopharmacology, Pharmacokinetics, Pharmacodynamics, Pharmacology of Cocaine and Amphetamines." Presented by Northwest Psychopharmacology Seminars, Eugene, Medford, Pendleton, Salem, and Portland Oregon, April-May, 1999.
99. "Drug-Induced Behavioral Impairment". Presented to Drug Recognition Evaluation instructors; Washington State Police, Seattle, May. 1999.
100. "Drugs and Receptors". Presented at St. Mary's Academy, Portland, May, 1999.
101. "Antidepressants, Anti-Manic Drugs, Herbals Used in Psychiatry," Presented by Northwest Psychopharmacology Seminars, Eugene, Medford, Pendleton, Salem, and Portland Oregon, October-November, 1999.
102. "Side Effects and Limitations of Selective Serotonin Reuptake Inhibitors", Eating Disorders Workgroup, Portland, Nov. 1999.
103. "Anesthetic Considerations in the Elderly," Providence St. Vincent Hospital, Continuing Nurses Education, May, 2000.
104. "Herbal Medications in the Surgical Milleau," Providence St. Vincent Hospital, Continuing Nurses Education, October, 2000.

105. "A Comprehensive Two Day Course in Psychotherapeutic Drugs and Drugs of Abuse." Presented by Northwest Psychopharmacology Seminars, Eugene, Salem, and Portland Oregon, and Sacramento and San Francisco, California, October-November, 2000.
106. "An Update of Psychotherapeutics: Understanding Evolving Therapies", Presented by Northwest Psychopharmacology Seminars, Eugene, Salem, and Portland Oregon, April, 2001.
107. "The Meaning of the Numbers," American Society of Anesthesia Technologists and Technicians, Portland, Oregon, April 28, 2001.
108. "Perioperative Implications of Herbal Medications," Association of Surgical Technologists Oregon State Assembly, Portland, Oregon, April 21, 2001.
109. "Pharmacological Treatment of Psychological disorders" and "Pharmacology of Drugs of Abuse"  
Presented by Northwest Psychopharmacology Seminars, Eugene, Salem and Portland Oregon, Fall, 2001
110. "Psychopharmacology for Physical Therapists: Understanding the Role of Drugs in patient Treatment"  
Presented at the 2001 Fall Conference of the Oregon Physical Therapy Association, October 13, 2001
111. "Effects of Psychoactive Drugs on Psychomotor Functioning." Inservice day workshop for the Washing State Patrol, December, 2001.
112. "Psychoactive Herbal Medications," Primary Care Physician's Assistants, Oregon Health Sciences University, Portland, February 7, 2002.
113. "Psychopharmacology for Child and Adolescent Behavioral Disorders," Portland and Beaverton School District Mental and Psychological Health Workers, March 5, 2002.
114. "Drugs of Abuse Update," 6th Annual DUII Multi-Disciplinary Training Conference, Oregon State Police, Beaverton, April 6, 2002.
115. 2-day Northwest Psychopharmacology Workshops, Pasco, Spokane, and Bellevue Washington, April 2002.
116. "Herbal Medications and Surgery", Assoc. of Operating Room Technicians and Nurses, Portland, June 2002.
117. "Dementing Drugs", Continuing Legal Education Seminar, Oregon State Bar Assoc., Portland, Sept., 2002.
118. 2-day Psychopharmacology Workshops, "Pharmacology of Psychotherapeutic Drugs" and "Pharmacology of Drugs of Abuse", Eugene, Salem, Portland, Oregon, October, 2002.

119. "New Psychotropic Drugs for 2003", Kona Village Seminar, Hawaii, November, 2002.
120. "Child and Adolescent Psychopharmacology 2003," The Gately Academy, Portland, March 2003
121. "Analgesic Properties of Psychotropic Drugs," 1-day workshop for Orion Healthcare Center, Vancouver BC, April 2003.
122. "Psychopharmacology Update, 2003" Northwest Psychopharmacology Seminars, April-May 2003, Everett, Olympia, Kirkland, Vancouver, Washington
123. "Uppers and Downers: Legal Implications", Presented to the Oregon Criminal Defense Lawyers Association, Newport, OR, May 3, 2003
124. "Psychotherapeutic Drugs" and "Pharmacology of Drugs of Abuse," Oregon workshops for Northwest Psychopharmacology Seminars, Oco. 2003
125. "Opioid Update," Plennay lecture to the annual convrntyion of the American Society of Forensic Toxicologists, Portland, October, 2003
126. "Opioid Update," Kona Village Seminar, Kona, November 2003
127. "Pharmacology of Benzodiazepines", Oregon Association of Naturopathic Physicians, October 2003,
128. "Sedative-Hypnotics and Anxiolytics," Weekend workshop (11 hours) Alliant University, program in Advanced Psychopharmacology for Clinical Psychologists, October 2003
129. "Quivering Muscles and Green Tongues: Physical Manifestations of Controlled Substances when the Intoxicant Isn't Alcohol." Oregon Criminal Defense Lawyers Assoc. DUII Seminar, Eugene, OR, March, 2004
130. "Recognizing Drug Use." Oregon Assoc. Licensed Investigators, Spring Seminar, Portland, March 2004
131. Psychopharmacology In-service Training (12 hours). Wyoming Psychological Association, Fall Conference, Jackson Hole, Wyoming, October, 2004
132. In-service Psychopharmacology Training, Vocational Rehabilitation of Oregon, October, 2004
133. Psychopharmacology for Professional Psychologists, Argosy University, Honolulu, HI, December 2004.
134. Psychotherapeutics Day-long Workshop. Oregon Psychological Association, Portland, April 2005.

135. "Major Drugs of Choice" and "Youth Addiction & Its Impact". Lectures presented at the annual meeting of the Oregon Defense Lawyers Association, Newport OR, April 2005.
136. "Child & Adolescent Psychopharmacology," Annual Meeting of the New York Psychological Association, New York, May 2005.
137. Psychotherapeutics Day-long Workshop. Vermont Psychological Association, Burlington VT, May 2005.
138. "The Evolution of Antidepressant Medications, Their Pharmacology, and Variety of Clinical Uses," Sixteenth Annual Psychopharmacology Breakfast Symposium for the Pennsylvania Psychological Association, Harrisburg PA, June, 2005.
139. "Psychopharmacology Update-2005" and "Substance Abuse and Treatment", Fall, 2005 seminar series for Oregon psychologists and mental health workers, multiple locations, 2005.
140. "Dentistry and Psychopharmacology - Thinking Outside the Box," One-day workshop for the Oregon Dental Society of Anesthesiology. Portland, December, 2005
141. "An Intense Primer on Psychoactive Drug Effects on Mind and Body," Indiana Public Defender Council, Indianapolis, Indiana, December 2005
142. "Psychopharmacology Update-2006" and "Substance Abuse and Treatment", Fall, 2006 seminar series for Oregon psychologists and mental health workers, Portland, 2006.
143. Psychopharmacology Update: Indications, Uses, and Responses," Sponsored by Cross Country Education, Nashville, TN. Presented in Columbus Ohio, Dayton Ohio, and Indianapolis, Indiana, June 2006.
144. Pharmacological Treatment of Anxiety Disorders: Update 2006, Sponsored by the Oregon Society of Psychologists, June 2006
145. Psychopharmacology Update: Indications, Uses, and Responses," Sponsored by Cross Country Education, Nashville, TN. Presented in Shreveport LA, Tyler TX and Dallas, TX, July 2006. Also presented in Mobile AL, Jackson MS, and Baton Rouge LA, September 2006; Presented in Fresno CA, Oakland CA, and Reno Nevada, October 2006; presented in Sacramento, Santa Rosa and San Francisco, November 2006; presented in Kansas City, Columbia, and St. Louis MO, November 2006; presented in Colorado Springs, Denver and Salt Lake City, December 2006
146. Psychopharmacology In-service Training (14 hours). Louisiana Association of Medical Psychologists, Fall Symposium, Baton Rouge LA, September, 2006

147. Use, limitations, and choices among antidepressants, Pastoral Conference on clinical, social, and theological implications of depression and mental illness, Keynote Speaker, Tigard, OR, September 2006
148. Psychopharmacology Update (2007): "What You Must Know About the Medicines Your Clients are Taking," Sponsored by Cross Country Education, Nashville, TN. 2007 presentations: Davenport IA, Madison WI, Milwaukee WI, Shamburg IL, Bloomington IL, Chicago IL, Albuquerque NM, Phoenix AZ, Las Vegas NV, San Diego CA, Ontario, CA, Pasadena, CA, Sherman Oaks CA, Torrance, CA, Irvine, CA, Traverse City MI, Saginaw, MI, Detroit MI, Grand Rapids MI, East Lansing, MI, Buffalo, NY, Rochester NY, Syracuse NY, Burlington VT, Albany NY, White Plains NY; Austin TX, San Antonio TX, Houston TX, Springfield MO, Tulsa OK, Oklahoma City OK, Fairfax VA, Frederick VA, Baltimore MD, Harrisburg PA, Allentown PA, Philadelphia, PA
149. Psychopharmacology In-service Training (11 hours). Pathway House Training Center, Clovis, NM, May 3-4, 2007
150. Psychopharmacology In-service Training (14 hours). North Dakota Psychological Association, Fargo, ND, May 10-11, 2007
151. "Psychopharmacology Update-2007" and "Pharmacology of Drugs Used to Treat Chronic Pain", Fall, 2007 seminar series for Oregon psychologists and mental health workers, Portland, Beaverton, Salem, October, 2007.
152. Psychopharmacology Update (2008): "What You Must Know About the Medicines Your Clients are Taking," Sponsored by Cross Country Education, Nashville, TN. 2008 presentations: Long Island, Queens, and Manhattan NY; Paramus, Edison, and Atlantic City, NJ; Portland ME; Manchester NH; Boston and Worcester MA; Providence RI; Hartford CT; Raleigh, NC; Richmond VA; Virginia Beach VA; Roanoke VA; Winston-Salem NC; Charlotte, NC; Pensacola FL; Jacksonville FL; Tallahassee FL; Melbourne FL; West Palm Beach FL; Miami FL; Ft. Meyers FL; Tampa FL; Orlando FL; Nashville TN; Knoxville TN; Asheville NC.
153. Pharmacology of Chronic Pain. Oregon Chapter, American Association of Legal Nurse Consultants. Portland, March 2008.
154. "Antidepressants, Mood Stabilizers & Atypical Antipsychotics." Tewksbury Hospital, Tewksbury MA, March 2008
155. Half-day workshops: (1) "Antidepressants & Atypical Antipsychotics" (2) Child & Adolescent Psychopharmacology". Louisiana Psychological Association, 60<sup>th</sup> Annual Meeting, Lafayette LA, April 2008
156. "Pharmacology of Chronic Pain". Northwest Psychopharmacology Seminars, Portland & Salem Oregon, April 2008; October 2008.

157. "Management of Acute & Chronic Pain". Grand Rounds and nursing-in-services. Medical Center of Southeast Oklahoma, Durant OK, June 2008.
158. "Pharmacology of Chronic Pain" and "Child & Adolescent Psychopharmacology". Northwest Psychopharmacology Seminars, Portland & Salem Oregon, October-November 2008.
159. Psychopharmacology Update (2009): "What You Must Know About the Medicines Your Clients are Taking," Sponsored by Cross Country Education, Nashville, TN. Presentations: Cleveland, OH; Canton, OH; Pittsburgh, PA; Omaha, NE, Des Moines, IA; Cedar Rapids, IA; Ft. Smith, AK; Little Rock, AK; Memphis, TN, Duluth, MN; St Cloud, MN; Minneapolis, MN; Portland, OR, Spokane, WA., Seattle, WA
160. "To Intend or Not to Intend: Pharmacology of Sedative Drugs, Amnesia, and Specific Intent." Presented at the 2009 Annual meeting of the American Association of Legal Nurse Consultants, Phoenix, AZ, April 2009.