

BIOGRAPHICAL SKETCH

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NAME John S. McDonald	POSITION TITLE Professor of Anesthesiology		
eRA COMMONS USER NAME			
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
University of Iowa, Iowa City, Iowa	B.A.	1956-1960	
University of Iowa College of Medicine, Iowa City,	M.D.	1960-1964	Medicine
University of Oregon, Portland, Oregon	M.D.	1964-1965	Rotating internship
University of Iowa, Iowa City, Iowa	M.D.	1965-1968	Obstetrics & Gynecology
University of Washington, Seattle, Washington	M.D.	1968-1970	Anesthesiology

A. Positions and Honors.**Positions and Employment**

- 1970 – 1975 Assistant Professor, Department of Obstetrics and Gynecology, University of Southern California (USC) School of Medicine, Director of Respiratory Therapy, Women's Hospital, USC Medical Center
- 1973 – 1975 Director of Research, Obstetric Anesthesia, Cedars/Sinai Medical Center, Los Angeles, California
- 1975 – 1976 Chairman, Department of Anesthesiology, Valley Medical Center, Fresno, California, November 1975 to December 1976
- 1977 – 1978 Professor and Vice Chairman, Department of Anesthesiology, and Professor, Department of Obstetrics and Gynecology, University of Colorado Medical Center, Denver, Colorado
- 1978 – 1998 Professor and Chairman, Department of Anesthesiology, and Professor, Department of Obstetrics and Gynecology, The Ohio State University Medical Center
- 1999 Clinical Professor of Obstetrics and Gynecology, UCLA Medical Center
- 2000 – Present Professor and Chairman, Department of Anesthesiology, Harbor-UCLA Medical Center

Honors and Awards

- 1956 The Nile Kinnick Scholarship Award for Academic and Athletic Excellence, Univ. of Iowa
- 1996 The Smithsonian Institution Cray Research Leadership Award for Computational Science, Washington, D.C.

B. Selected peer-reviewed publications (in chronological order).

1. **McDonald JS.** Anesthesia for operative obstetrics. *Proceedings of the 5th World Congress of Anesthesiology*, 1972
2. Gruber CM, Bauer RO, Bettigole JB, Lash AF, **McDonald JS.** A multicenter study for analgesia involving feopfen, propoxyphene (alone or in combination) with placebo and aspirin controls in postpartum pain. *J Med* 10, 1979
3. Tejwani GA, Rattan AK, Gudehithlu KP, **McDonald JS.** Modulation of mu, kappa and delta opioid receptors in the rat brain by isoflurane and enflurane. *Neuropharmacology* 30:643, 1991
4. Rattan AK, **McDonald JS,** Tejwani GA: Differential effects of intrathecal midazolam on morphine-induced antinociception in the rat: role of spinal opioid receptors. *Anesth Analg* 73:124, 1991
5. Tejwani GA, Rattan AK, **McDonald JS:** Role of spinal opioid receptors in the antinociceptive interactions between intrathecal morphine and bupivacaine. *Anesth Analg* 74:726, 1992
6. Tejwani GA, Rattan AK, Sribanditmongkol P, Sheu MJ, Zuniga J, **McDonald JS.** Inhibition of Morphine-Induced Tolerance and Dependence by a Benzodiazepine Receptor Agonist Midazolam in the Rat. *Anesth Analg*; 76:1052-60, 1993

7. Tejawani GA, Sribanditmongkol P, Sheu MJ, **McDonald JS**: Involvement of met-enkephalin in diazepam induced inhibition of morphine tolerance and dependence. *Regulatory Peptides* 1:5207-5208, 1994
8. Benedetti C, McDonald, JS: Acute pain in the Gynecological Patient. *APS Bulletin, American Pain Society*, 12-14, 1995
9. **McDonald JS**. Pelvic Pain. *J Back and Musculoskeletal Rehabilitation* 7:119-133, 1996
10. **McDonald JS**, Yagel R, Schmalbrock P, Stredney D, Reed DM, and DJ Sessanna: Visualization of compression neuropathies through volume visualization. *Proceedings of Medicine Meets Virtual Reality, KS Morgan et al, (Eds.) IOS Press*, pgs. 99-106, 1997
11. **McDonald JS**, Spigos, Dimitris: CT Guided Pudendal Block for Pudendal Pain. *Obstetrics and Gynecology* 95:2 p 306, February 2000

Book Chapters

12. Guzinsky GM, Bonica JJ, **McDonald JS**: Gynecologic pain. In Bonica JJ (ed.): *The Management of Pain*, 2nd ed. Lea & Febiger, 1990
13. Bonica JJ, **McDonald JS**: The pain of childbirth. In Bonica JJ (ed.): *The Management of Pain, 2nd ed.*, Lea & Febiger, 1990
14. **McDonald JS**. In DeCherney AH, and Pernoll ML (eds.): *Current Obstetric and Gynecologic diagnosis and treatment, 8th ed.* Appleton and Lange, 1994
15. **McDonald JS**. Pelvic and low abdominal pain. In Lefkowitz, M and Lebovits A (eds.): *A Practical Approach to Pain Management*, Little, Brown Co., 1996.
16. **McDonald JS**. Anesthesia for labor and delivery. In Fanaroff AA (ed): *Behrman's Neonatal-Perinatal Medicine*, 6th ed. CV Mosby, 1997
17. **McDonald JS**. Pelvic pain-chronic. In Zuspan F (ed): *Handbook of Obstetrics, Gynecology, and Primary Care*, CV Mosby, 1998
18. **McDonald JS**. The diagnosis and management of chronic pelvic pain. In Ashburn MA & Rice LJ (eds): *The Management of Pain*, Churchill Livingstone, Inc., 1998
19. **McDonald JS**. Pain mechanisms associated with labor and delivery. In Yaksh TL, et al. *Anesthesia: Biologic Foundations*, Lippincott-Raven, 1998.
20. **McDonald JS**. Chronic pain. In Copeland LJ (ed). *Textbook of Gynecology*, 2nd ed., WB Saunders, 1999.
21. **McDonald JS**: Principles of labor and delivery analgesia and anesthesia. In Seifer DB, Samuels P and Kniss DA (eds). *The Physiologic Basis of Gynecology and Obstetrics*, Lippincott Williams & Wilkins, 2001.
22. Page, GG, Ben-Eliyahu, S, **McDonald JS**. The attenuating effects of morphine on the metastatic and hormonal sequelae of surgery in rats. In T.S. Jensen (Ed.), Proceedings of the 8th Congress on Pain. Seattle: IASP Press, in press. (Invited by Scientific Program Committee)

C. Research Support

Ongoing Research Support

None

Completed Research Support

None