

CURRICULUM VITAE  
**PAUL J. CHRISTO, M.D.**  
THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE

**CURRENT APPOINTMENT**

Assistant Professor  
Department of Anesthesiology and Critical Care Medicine  
Division of Pain Medicine  
The Johns Hopkins University School of Medicine  
Baltimore, Maryland

**CONTACT INFORMATION**

The Johns Hopkins University School of Medicine  
Department of Anesthesiology & Critical Care Medicine  
Division of Pain Medicine  
550 N. Broadway, Suite 301  
Baltimore, MD 21205  
(410) 955-1818  
(410) 614-5621 (voice mail)  
(410) 502-6730 / fax  
[pchristo@jhmi.edu](mailto:pchristo@jhmi.edu)

**EDUCATION AND TRAINING**

1986-1990 B.S. University of Notre Dame  
1991 -1995 M.D. University of Louisville School of Medicine  
1995-1996 Internship, The Johns Hopkins Bayview Medical Center, Department of Internal Medicine,  
Baltimore, Maryland  
1996 Diploma in French - Third Degree, Institut Francais D'Annecy, Annecy, France  
1997-2000 Residency, Harvard Medical School, Massachusetts General Hospital, Department of  
Anesthesia and Critical Care, Boston, Massachusetts  
2000-2001 Fellowship in Pain Medicine, The Johns Hopkins University School of Medicine,  
Department of Anesthesiology and Critical Care Medicine, Division of Pain Medicine  
2003 Business of Medicine Graduate Certificate, The Johns Hopkins University  
2006 M.B.A. The Johns Hopkins University, Health Care Management

**HONORS**

1992 National Institutes of Health Research Fellow, Clinical Brain Disorders Branch, National  
Institute of Mental Health  
2003 American's Top Physician's, Pain Medicine: *Guide to America's Top Physicians*  
2004-present Editorial Advisory Board, *Pain Physician*  
2004-present Editorial Review Board, *Regional Anesthesia and Pain Medicine*  
2006-present Peer Reviewer, Maryland Society of Anesthesiologists (Maryland Board of Physicians)

## SPECIALTY CERTIFICATIONS

- 2001 Diplomate, American Board of Anesthesiology
- 2002 Subspecialty Certification in Pain Medicine by the American Board of Anesthesiology
- 2003 Diplomate, American Board of Pain Medicine

## PROFESSIONAL EXPERIENCE

- 1995-1996 Fellow in Medicine, The Johns Hopkins University School of Medicine, Baltimore, Maryland
- 1997-2000 Clinical Fellow in Anesthesia, Harvard Medical School, Boston, Massachusetts
- 2000 Graduate Assistant in Anesthesia, Harvard Medical School, Massachusetts General Hospital, Department of Anesthesia and Critical Care, Boston, Massachusetts, & Assistant in Anesthesia, Harvard Medical School, Massachusetts Eye and Ear Infirmary, Department of Anesthesiology, Boston, Massachusetts
- 2001-present Clinical Instructor, Harvard Medical School, Boston, Massachusetts
- 2001-present Assistant Professor, Department of Anesthesiology and Critical Care Medicine The Johns Hopkins University School of Medicine, Baltimore, MD
- 2001-2003 Director of Pain Education, Department of Anesthesiology and Critical Care Medicine, Division of Pain Medicine, The Johns Hopkins University School of Medicine, Baltimore, MD
- 2002-2003 Director of Quality Assurance, Division of Pain Medicine, The Johns Hopkins University School of Medicine, Baltimore, MD.
- 2003-present Director, Multidisciplinary Pain Fellowship, Department of Anesthesiology and Critical Care Medicine, Division of Pain Medicine, The Johns Hopkins University School of Medicine, Baltimore, MD.
- 2003-present Director, Pain Treatment Center, The Johns Hopkins Hospital, Baltimore, MD.

## RESEARCH ACTIVITIES

### Publications:

1. **Christo PJ**, El-Mallakh RS: Possible role of endogenous Oubain-like compounds in the pathophysiology of bipolar illness. *Medical Hypotheses* 1993; 41:378-383.
2. Dubois BW, **Christo PJ**: The placebo effect. In: J. Ballantyne, ed. *The Massachusetts General Hospital Handbook of Pain Management*, Philadelphia: Lippincott Williams & Wilkins, 2002.
3. Panlilio LM, **Christo PJ**, Raja SN: Current management of postherpetic neuralgia. *The Neurologist* 2002;8:339-350.
4. Block BM, **Christo PJ**: Ketamine analgesia for the opioid-tolerant cancer patient. *The International Journal of Pain Medicine and Palliative Care* 2003; 2:71-74.
5. **Christo PJ**, Staats PS: Patient evaluation and criteria for procedure selection. In: Johnson BA, Staats PS, Wetzel FR, Mathis J, eds. *Image-Guided Spine Interventions*. New York, NY: McGraw-Hill, 2004.
6. **Christo PJ**: Opioid effectiveness and side effects in chronic pain. In: Staats PS, ed. *Anesthesiology Clinics of North America: Interventional Pain Management*. Philadelphia, PA: Elsevier/W.B.Saunders, 2004, pp 699-713.
7. **Christo PJ**, Raja SN: Complex regional pain syndrome. In: Wallace M, Staats PS, eds. *Pain*

*Medicine and Management: Just the Facts*. New York, NY: McGraw-Hill, 2004.

8. Cohen SP, **Christo PJ**, Moroz L: Pain management in trauma patients. *American Journal of Physical Medicine and Rehabilitation* 2004;83:142-161.
9. **Christo PJ**, Grabow TS, Raja SN: Opioid effectiveness, addiction, and depression in chronic pain. In: Clark MR, Treisman GJ (eds.): *Pain and Depression. Advances in Psychosomatic Medicine*, 2004;25:123-137.
10. Grabow TS, **Christo PJ**, Raja SN: Complex regional pain syndrome: Diagnostic controversies, psychological dysfunction, and emerging concepts. In: Clark MR, Treisman GJ (eds.): *Pain and Depression. Advances in Psychosomatic Medicine*, 2004;25:89-101.
11. Wu CL, **Christo PJ**, Richman JM, Hsu W: Postdural Puncture Headaches: An Overview. *The International Journal of Pain Medicine and Palliative Care* 2004;3 (2):53-59.
12. Brown AK, **Christo PJ**, Wu CL: Strategies for postoperative pain management. *Best Practice and Research Clinical Anaesthesiology* 2004;18:703-717.
13. **Christo PJ**, Hobelmann G, Sharma A: Aging and the Neurobiology of Addiction. *Geriatrics and Aging* 2005; 8 (10): 48-52.
14. **Christo PJ**, Hobelmann G: Migraine Headaches, Chronic Pancreatitis, Constipation/Obstipation in Pain Management. In: Kirsch JR, Sibell D (eds.): *The 5 Minute Consult for Pain Management*. Lippincott series, 2006, *in press*.
15. **Christo PJ**, Hobelmann G, Maine D: Post Herpetic Neurogenic Pain in the Elderly: Recent Developments in Pharmacological Management. *Drugs and Aging* 2006, *in press*.

#### **Abstracts presented at scientific meetings:**

1. **Christo, PJ**: New procedural development for analyzing MRI brain images in schizophrenic twins. National Institutes of Health, Bethesda, MD, August, 1992.
2. **Christo, PJ**, Massey, D: Fluorescence in-situ hybridization (FISH). Southeast Regional Genetics Group, Pawleys Island, SC, June, 1994.
3. Chaudry V, **Christo P**, Raja S: Is small-fiber painful neuropathy sympathetically mediated? American Association of Electrodiagnostic Medicine, Toronto, Canada, November, 2002.

#### **EDUCATIONAL ACTIVITIES (CONTINUING MEDICAL EDUCATION)**

##### **CME Course Director:**

Administrative Editor and Course Director, *Practical Reviews in Anesthesiology*, 2004-present

Program Director, *Exploring the Evolving Role of Botulinum Neurotoxin Type A in Pain Management*, Practice with the Experts (National Presentation Series), 2004

Program Director, *Practice with the Experts: Strategies for Pain Management with Botulinum Neurotoxin Therapy* (National Presentation Series), 2005

##### **CME Session Chair:**

- “Regional Anesthesia,” *The 6<sup>th</sup> Annual Johns Hopkins Multidisciplinary Pain Medicine and Regional Anesthesia Update*, Baltimore, MD, August 2000
- “Spinal Cord Stimulation/Intrathecal Therapy,” *The 7<sup>th</sup> Annual Johns Hopkins Multidisciplinary Pain Medicine Update in conjunction with the Southern Pain Society Annual Meeting*, Baltimore, MD, August 2001
- “Neural Blockade,” “Advanced Stimulation Techniques,” “IDET, Discography and Vertebroplasty,” *The 8<sup>th</sup> Annual Johns Hopkins Multidisciplinary Pain Medicine Update in conjunction with the 6<sup>th</sup> Annual American Neuromodulation Society Meeting*, Orlando, FL, May 2002
- “Membrane-Stabilizing Agents to Treat Pain,” “CRPS and Thalidomide: Do cytokines Play a Role in RSD,” “Herbal Medicine,” Headaches: The Role of the Interventionalist,” “Topical Agents: From Lidocaine to Ketamine and Beyond,” “Complications of Regional Anesthesia,” *The 9<sup>th</sup> Annual Johns Hopkins Multidisciplinary Pain Medicine Update in conjunction with the 7<sup>th</sup> Annual American Neuromodulation Society Meeting*, Orlando, FL, May, 2003

**CME Course Instructor and Lectures:**

- “Opioid Therapy Efficacy and Side Effects,” *8<sup>th</sup> Annual Johns Hopkins Multidisciplinary Pain Medicine Update in conjunction with the 6<sup>th</sup> Annual American Neuromodulation Society Meeting*, Orlando, FL, May 2002
- “Side Effects of Opioids,” *9<sup>th</sup> Annual Johns Hopkins Multidisciplinary Pain Medicine Update in conjunction with the 7<sup>th</sup> Annual American Neuromodulation Society Meeting*, Orlando, FL. May 2003
- “Management of Acute Pain in the setting of Chronic Pain,” *National Association of Orthopaedic Nurses, Baltimore Chapter Annual Meeting*, Baltimore, MD, March 2004
- “Opioid Efficacy and Toxicity”, *10<sup>th</sup> Annual Johns Hopkins Multidisciplinary Pain Medicine Update*, Baltimore, MD, August 2004
- “Post-Operative Analgesia and Interventions”, *The Johns Hopkins Department of Orthopedic Surgery Anesthesia Symposium*, Baltimore, MD, September 2004
- “Interventional and Pharmacotherapeutic Management of Acute and Chronic Pain”, *Pain and Symptom Management Conference for Curative, Palliative, and End of Life Care at Winchester Medical Center*, Winchester, VA. October 2004
- “Procedural Pain Management”, *Current Concepts in Cancer Pain Management: A Multidisciplinary Case-Based Symposium*, The Johns Hopkins Center for Cancer Pain Research, Baltimore, MD, October 2004
- “Peripheral Nerve Blocks (Sympathetic Blocks) in the Treatment of Chronic Pain”, *Workshop at the Annual Meeting of the American Society of Anesthesiologists*, Las Vegas, NV. October 2004
- “Interventional and Pharmacotherapeutic Management of Pain”, *General Internal Medicine/Primary Care Clinical Conference*, Johns Hopkins Bayview Medical Center, Baltimore, MD., April 2005
- “Neurolytic Procedures”, *Current Concepts in Cancer Pain Management Symposium*, The Center for Cancer Pain Research at The Johns Hopkins University School of Medicine, Baltimore, MD., 11/05

**Invited Lectures:**

- “Advanced Strategies for Pain Treatment”, *United Auto Workers-Ford On-Site Rehabilitation Center*

*Program, Educational and Program Development Conference, Detroit, MI., November 2005*

*“Understanding Pain and Current Therapies”, 11<sup>th</sup> Annual A Women’s Journey, Johns Hopkins Medicine, Baltimore, MD., November 2005*

## **ORGANIZATIONAL ACTIVITIES**

### **Professional Societies:**

- International Spinal Injection Society
- American Academy of Pain Medicine
- American Society of Interventional Pain Physicians
- American Pain Society
- North American Neuromodulation Society
- American Medical Association
- American Society of Anesthesiologists
- American Society of Regional Anesthesia and Pain Medicine
- Maryland Society of Anesthesiologists
- The Johns Hopkins Medical and Surgical Association
- American Society of Addiction Medicine

### **Committees:**

Association of Pain Program Directors (American Society of Regional Anesthesia & Pain Medicine)  
2003-present

Johns Hopkins University School of Medicine, Department of Anesthesiology and Critical Care,  
Education Committee, 2002-present

Johns Hopkins University School of Medicine, Department of Anesthesiology and Critical Care Medicine,  
Clinical Competence Committee, 2002-present

Johns Hopkins University School of Medicine, Department of Anesthesiology and Critical Care Medicine,  
Performance Improvement Committee, 2004-present

American Academy of Pain Medicine, Coding and Reimbursement Committee, 2006