

## CURRICULUM VITAE

**Reza Ghorbani, MD, ABIPP, FIPP**

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**DATE OF BIRTH:** April 18, 1966

**CITIZENSHIP:** United States Citizen

**MARITAL STATUS:** Married

### EDUCATION:

<b>Degree</b>	<b>Date Earned</b>	<b>Institution</b>	<b>Location</b>
MD	May 1992	Tufts University School of Medicine	Boston, MA
BS	May 1987	Tufts University (3-Year Accelerated Program)	Medford, MA

### POST-DOCTORAL TRAINING

<b>Institution</b>	<b>Title</b>	<b>Location</b>	<b>Period</b>
St. Elizabeth's Medical Center	Internship in General Surgery	Boston, MA	1992 - 1993
Brigham and Women's Hospital/Harvard Medical School	Residency in Anesthesiology	Boston, MA	1993 - 1996
Brigham and Women's Hospital/Harvard Medical School	Fellowship in Pain Management	Boston, MA	1996 - 1997

### EMPLOYMENT

Advanced Pain Medicine Institute (private practice) * President and Medical Director	Chevy Chase, MD	2007 - present
Anesthesia Associates of Massachusetts (private practice)	Boston, MA	1998 - 2007
Guardian Anesthesia Associates (private practice)	Stoughton, MA	1997 - 1998

### LICENSURE:

Washington, DC Medical License #MD037640	2008
Maryland Medical License #D0065935	2007
Florida Medical License #ME95056	2006
California Medical License #G83644	1997
Massachusetts Medical License #82190	1996

**CERTIFICATION:**

American Board of Anesthesiology  
 American Board of Anesthesiology Added Qualification in Pain Management  
 American Board of Interventional Pain Physicians  
 Certificate of Training: "Disc Nucleoplasty"  
 Certificate of Training: "Laser Discectomy"  
 Certificate of Training: "Minimally Invasive Lumbar Decompression"  
 Certificate of Training: "Percutaneous Discectomy"  
 Certificate of Training: "Percutaneous HydroDiscectomy"  
 Certificate of Training: "Percutaneous Vertebroplasty"  
 Diplomat, National Board of Medical Examiners  
 Fellow of Interventional Pain Practice

**HOSPITAL APPOINTMENTS:**

<b>Title</b>	<b>Institution</b>	<b>Period</b>
Active	Massachusetts Avenue Surgery Center	2009 - present
Active	Suburban Hospital, Bethesda, MD	2009 - present
Active	Chevy Chase Surgery Center, Chevy Chase, MD	2008 - present
Active	Laurel Regional Hospital, Laurel, MD	2008 - present

**ACADEMIC APPOINTMENTS:**

<b>Title</b>	<b>Institution</b>	<b>Period</b>
Assistant Professor of Anesthesiology	Boston University School of Medicine, Boston, MA	2000 - 2007
Director of Interventional Pain Center	Boston University School of Medicine	2001 - 2005
Clinical Instructor in Anesthesiology	Boston University School of Medicine Boston, MA	1999 - 2000
Clinical Instructor in Anesthesiology	Harvard Medical School, Brigham & Women's Hospital Boston, MA	1996 - 1997

**CONSULTING APPOINTMENTS:**

Advanced Neuromodulation Systems, A St. Jude Medical Company  
 King Pharmaceuticals, Inc.  
 Pfizer Pharmaceutical, Inc.

**AWARDS, HONORS AND LECTURES:**

Washington Hospital Center, MedStar Health Department of Occupational Health <i>"Overview of Chronic and Acute Pain"</i> Washington, DC	2009
Nurse Practitioner Association of the District of Columbia: <i>"An Overview of Spinal Cord Stimulation, an Advanced Treatment For Chronic Pain"</i> Washington, DC	2009
2009 Multidisciplinary Conference: Georgetown University Hospital and Capital Medical Group <i>"Overview of Chronic and Acute Pain"</i> Capital Medical Group, Chevy Chase, MD	2009
Lecture to Maryland Medical Society: <i>"Latest Technological Advances in Treating Acute and Chronic Pain"</i> Bethesda, MD	2009
Grand Rounds Department of Neurosurgery: <i>"Overview of Pain Management"</i> Georgetown University Hospital, Washington, DC	2008
National Pain Foundation: <i>"Latest Technological Advances in Treating Acute and Chronic Pain"</i> Friendship Heights Community Center, Chevy Chase, MD	2008
Grand Rounds: <i>"Latest Technological Advances in Treating Acute and Chronic Pain"</i> Doctors Community Hospital, Lanham, MD	2008
Grand Rounds: <i>"Spinal Cord Stimulator Implantation"</i> Laurel Regional Hospital, Laurel, MD	2008
Physiotherapy Associates: <i>"Latest Technological Advances in Treating Acute and Chronic Pain"</i> Greenbelt, MD	2008
NRH Regional Rehab at Friendship Heights: <i>"Latest Technological Advances in Treating Acute and Chronic Pain"</i> Chevy Chase, MD	2008
Grand Rounds: <i>"Overview of Pain Management"</i> Sibley Memorial Hospital, Washington, DC	2007

Lecture to Anesthesia Residents: " <i>Overview of Pain Management</i> " Boston University School of Medicine, Boston, MA	2005
Grand Rounds Department of Anesthesia: " <i>Local anesthetics, physiology and toxicity</i> " Harvard Medical School/Brigham and Women's Hospital Boston, MA	1994
Second Annual Medical Student Research Symposium: " <i>The effect of dietary supplementation with n-3 polyunsaturated fatty acids on the synthesis of Interleukin-1 and tumor necrosis factor by mononuclear cells</i> " Tufts University School of Medicine, Boston, MA	1989
David Noonan Research Fellowship Award <i>Tufts University School of Medicine</i> Boston, MA	1989
Medical Student Research Symposium: Second Prize <i>Tufts University School of Medicine</i> Boston, MA	1989

### **Major Committee Assignments, Memberships, Offices, Professional Societies:**

American Academy of Pain Medicine  
 American Medical Association  
 American Society of Anesthesiology  
 American Society of Interventional Pain Physicians  
 International Spine Intervention Society  
 Maryland Medical Society  
 National Pain Foundation  
 Neuromodulation Academy Faculty  
 The North American Spine Society  
 World Institute of Pain

### **RESEARCH EXPERIENCE:**

Laboratory of Dr. Charles A. Dinarello:  
 Tufts University School of Medicine, New England Medical Center  
*Department of Geographic Medicine and Infectious Disease*  
 Boston, MA

1985-1992

**PUBLICATIONS:****Bibliography:**

1. Endres S, Ghorbani R, Lonneman G, van der Meer JWM, Dinarello CA. *Measurements of immunoreactive interleukin-1 from human mononuclear cells: optimization of recovery, intrasubject consistency, and comparison with interleukin-1  $\alpha$  and tumor necrosis factor.* Clin Immunol Immunopathol 49:424-38, 1988.
2. Endres S, Ghorbani R, Kelley VE, Georgilis K, Lonneman G, van der Meer JWM, Cannon JC, Rogers TS, Klempner MS, Weber PC, Schaefer EJ, Wolff SM, Dinarello CA. *The effect of dietary supplementation with n-3 polyunsaturated fatty acids on the synthesis of interleukin-1 and tumor necrosis factor by mononuclear cells.* N Engl J Med 320:265-71, 1989.
3. Schindler R, Ancilla J, Endres S, Ghorbani R, Clark SC, Dinarello CA. *Correlations and interactions in the production of interleukin-6 (IL-6), IL-1, and tumor necrosis factor (TNF) in human blood mononuclear cells: IL-6 suppresses IL-1 and TNF.* Blood 75 (1):40-7, 1990
4. Endres S, Cannon JG, Ghorbani R, Dempsey RA, Sisson SD, Lonneman G, van der Meer JWM, Wolff SM, Dinarello CA. *In vitro production of IL-1, IL-1  $\alpha$ , TNF and IL-2 in healthy subjects: distribution, effect of cyclooxygenase inhibition and evidence of independent gene regulation.* European J Immunol 19:2327-33, 1990.
5. Endres S, Meydani SN, Ghorbani R, Schindler R, Dempsey RA, Dinarello CA. *Interleukin-2 production is suppressed by dietary n-3 fatty acids but enhanced by oral aspirin.* In: *The physiological and pathological effects of cytokines.* Dinarello CA, Kluger MJ, Powanda MC, Oppenheim JJ, eds. New York: Wiley-Liss, Inc., pp 281-286, 1990.
6. Endres S, Meydani SN, Ghorbani R, Schindler R, Dinarello CA. *Dietary supplementation with n-3 fatty acids suppresses interleukin-2 production and mononuclear cell proliferation.* In: J Leukoc Biol, (1993 Dec) 54(6): 599-603.