

**Paul Dougherty, DC**  
**New York Chiropractic College**  
**Seneca Falls, NY 13148**

**Education:**

**Doctor of Chiropractic:** Logan College of Chiropractic, Chesterfield, MO

**Bachelor of Arts, Biology:** Northwestern College, Orange City, IA

**Other certifications:**

**Diplomate of the American Board of Chiropractic Orthopedists**

Educational program through National College of Chiropractic, Lombard, Illinois.

**PROFESSIONAL EMPLOYMENT:**

- Hospital Externship, Metropolitan North & West Hospital, St. Louis, MO. 1990.
- Private Practice of Chiropractic, Owego, NY. 1991-1995.
- Private Practice of Chiropractic, Vestal, NY. 1995-2002.
- Hospital Affiliations: Wilson Memorial Hospital and Binghamton General Hospital
- Director of Chiropractic Services – United Spine Care. Binghamton, NY. 1998-2002.  
Multidisciplinary Spine Center including Neurosurgery, Neuroradiology, Physical Therapy, Chiropractic, Psychology and Case Management.
- Director of Chiropractic services, Pain Management Clinic: Cayuga Medical Center, Ithaca, NY. 2000.
- Director of Chiropractic Consultative Services: Monroe Community Hospital, Rochester, NY. 2003-2007 (Hospital privileges: Strong Memorial Hospital, Rochester NY, Dept. of Physical Medicine and Rehabilitation, remain consultant for MCH Chiropractic Clinic)
- Chiropractic Consultant, Rochester Outpatient Clinic of the Veteran's Administration, Division of Canandaigua VA Medical Center, 2005 - 2007
- Part-Time Chiropractor, Rochester Outpatient Clinic of the Veteran's Administration, Division of Canandaigua VA Medical Center, 2007-present
- Chairman: Ad-hoc research committee, under the direction of the Field Advisory panel for Chiropractic through the Veteran's Administration.
- Member: Steering Committee for Project: "Consensus Process to Develop a 'Best Practices' Document for Chiropractic Care for Older Adults" (2009-present)
- Member: North American Spine Society (NASS), Evidence-based Guideline Development Committee (2009-present)

- Member: Spinal Disorders and Low Back Pain Strategic Planning Specialty Group of the US Bone and Joint Decade, Global Conference committee.
- Chairman: Syracuse VA Institutional Review Board 2009-2010
- Co-Chair: Syracuse VA Institutional Review Board 2010-present
- Co-Chair: Canandaigua VA Medical Center, Pain oversight committee 2010-present
- Chair Chiropractic Health Care Section: American Public Health Association 2009-present
- Editorial Board:
  - Topics in Integrated Health Care
- Peer Reviewer for the Journals: (2008-present)
  - Spine
  - Chiropractic and Osteopathy
  - Journal of Manipulative and Physiologic Therapeutic
  - International Journal of Clinical Rheumatology

#### **ACADEMIC EMPLOYMENT:**

- Research Associate, New York Chiropractic College. 1996-1998.
- Adjunct Professor, New York Chiropractic College. 1998-2002.
- Assistant Professor, New York Chiropractic College. 2003-2005
- Associate Professor, New York Chiropractic College. 2006- present
- Affiliate Faculty: Geriatric Medicine Program, University of Rochester 2003-Present
- Adjunct Assistant Professor, University Of Rochester School of Medicine, Dept. of Orthopedics 2004-Present
- Consultant: Rochester Outpatient Clinic, Division of Canandaigua Veteran's Administration Medical Center, Canandaigua, NY. 2005-2007
- Member Geriatric Division, University of Rochester School of Medicine and Dentistry. 2005-present
- Part time staff chiropractor: Canandaigua VA Medical Center. 2007-present
- Professor, New York Chiropractic College. 2010- present

#### **HONORS AND CREDENTIALS:**

- 1996** Board Certified Chiropractic Orthopedist
- 1997** Cox Flexion/Distractio – Lumbar Spine
- 1998** Certified in Manipulation Under Anesthesia
- 1999** McKenzie Part I Lumbar Spine
- 2000** Board of Directors: New York State Chiropractic Association (until 02/04).
- 2007** Board of Directors: US Bone and Joint Decade

### **PROFESSIONAL MEMBERSHIPS:**

Academy of Chiropractic Orthopedists.  
American Association of Spine Physicians.  
American Board of Chiropractic Orthopedists.  
American Chiropractic Association.  
American College of Chiropractic Orthopedists.  
American Public Health Association.  
Council on Chiropractic Orthopedists.  
FCER – Foundation for Chiropractic Education and Research.  
North American Spine Society.

### **PUBLICATIONS:**

1. Dishman JD, **Dougherty PE**, and Burke JR. Evaluation of the effect of postural perturbation on motoneuronal activity following various methods of lumbar spinal manipulation. *Spine J.* 2005;5:650-9.
2. **Dougherty PE** and Lawrence D. Chiropractic care of musculoskeletal pain in multiple sclerosis patients. *Clinical Chiropractic* 2005;8:57-65.
3. **Dougherty PE** and Katz P. Complementary and alternative care in a long-term setting. *Annals of Long Term Care: Clinical Care and Aging* 2005;13:48-54.
4. **Dougherty PE** and Killinger L. Role of chiropractic in a long-term care setting. *Long-Term Care Interface* 2005;6:33-8.
5. **Dougherty PE**, Bajwa S, Burke J, and Dishman JD. Spinal manipulation postepidural injection for lumbar and cervical radiculopathy: a retrospective case series. *J.Manipulative Physiol Ther.* 2004;27:449-56.
6. **Dougherty PE**, Dimitroff LJ: Geriatricians' attitudes about chiropractic: A qualitative study with recommendations for medical and chiropractic education. *Best Practices in Complementary Care.* Accepted for publication
7. Burke J, Buchberger D, Carey-Loghmani MT, **Dougherty PE**, Greco DS, Dishman JD: A pilot study comparing two manual therapy interventions for carpal tunnel syndrome. *J. Manipulative Physiol. Ther.* 2007 30(1):50-61
8. Johnson C, Baird R, **Dougherty PE**, Globe G, Green BN, Haneline M, Hawk C, Injeyan HS, Killinger L, Kopansky-Giles D, Lisi AJ, Mior SA, Smith M. Chiropractic and public health: current state and future vision. *J Manipulative Physiol Ther.* 2008 Jul-Aug;31(6):397-410.

9. **Dougherty PE:** Chiropractic in the 21<sup>st</sup> Century: An Overview for Primary Care Physicians. Primary Care Reports 2008 September 14(9): 1-12
10. Papuga MO, Proulx ST, Kwok E, You Z, Rubery PT, **Dougherty PE**, Hilton MJ, Awad HA, Schwarz EM Chronic axial compression of the mouse tail segment induces MRI bone marrow edema changes that correlate with increased marrow vasculature and cellularity.. 2010 Sep;28(9):1220-8.
11. **Dougherty PE**, Engels R, Burke, J: The use of spinal manipulative therapy for elderly patients with chronic obstructive pulmonary disease (COPD): a case series. J Manipulative Physiol Ther. Accepted for publication
12. Hawk C, Schneider M, **Dougherty PE**, Gleberzon BJ, Killinger LZ: Best Practices Recommendations for Chiropractic Care for Older Adults: Results of a Consensus Process. J Manipulative Physiol Ther. 2010 Jul-Aug;33(6):464-73.
13. **Dougherty PE**, Everett C, Weiner D, Lyons S: Chronic lower back pain in an older adult male: Grand rounds presentation. *Topics in Integrative Health Care* 2010, Vol. 1(2) ID: 1.2003
14. **Dougherty PE:** Back Pain: Still More Questions than Answers. J Amer Chiropr Assoc 2011 March;48(2):6-7

## **PRESENTATIONS:**

Dougherty P.E. (1994, March). Conservative Care of Cervical Spondylotic Myelopathy. Multidisciplinary Symposium on Spinal Stenosis conducted at the meeting of the New York Chiropractic Association, District 13.

Dougherty P.E. (1995, October). Chiropractic Management of Radiculopathy. Multidisciplinary Symposium on Radiculopathy conducted at the meeting of the New York Chiropractic Association, District 13.

Dougherty P.E. (2001, May). Manipulation Post Cervical Epidural Injection. Symposium conducted at the meeting of the Academy of Chiropractic Orthopedists, Scottsdale, AZ.

Dougherty P.E. (2001, September). Manipulation Post Epidural Injection: A non-surgical alternative to discogenic and radicular pain syndrome. Presented at Beth Israel Deaconess Pain Center, Boston, MA.

Dougherty P.E. (2001, April). Role of Chiropractic in the Hospital Setting: Presented at Halifax Region Medical Center, South Boston, VA.

Dougherty P.E. (2002, October). Pain Generators associated with Type IIA Lumbosacral Transition Segments. Symposium conducted at the meeting of the International Conference for Spinal Manipulation, Toronto Canada.

Dougherty P.E. (2003 January). Chiropractic management of Older Adults with Spinal Stenosis. Medical Grand Rounds, Monroe Community Hospital: Rochester, NY.

Dougherty P.E. (2004, January). Chiropractic Management of Musculoskeletal Pain Syndromes in Multiple Sclerosis Patients. Medical Grand Rounds, Monroe Community Hospital, Rochester, NY.

Dougherty PE, Katz P, Karuza J: Chiropractic Services within a long-term care setting. Presented at American Geriatric Society Meeting. Las Vegas, NV. May 18, 2004

Dougherty PE, Katz P: Chiropractic Management of Musculoskeletal Pain syndromes in Multiple Sclerosis Patients. Presentation, American Public Health Association Annual Meeting. Washington, DC. November 2004

Dimintroff L, Dougherty PE: Attitudes and beliefs of older adults about chiropractic: A phenomenological study. Presentation, American Public Health Association Annual Meeting. Washington, DC. November 2004

Dougherty PE, Burke JM, Owens H: Physiologic Effects of Thoracic Manipulation on Long-Term Care Patients with Chronic Obstructive Pulmonary Disease: A Case Series Report. Presentation at World Federation of Chiropractic, Annual Conference, Sydney, Australia. June 2005

Dougherty PE, Dimitroff LJ: Geriatricians' attitudes about chiropractic: A qualitative study with recommendations for medical and chiropractic education. Accepted for platform presentation at World Federation of Chiropractic, Annual Conference, Sydney, Australia. June 2005

Dougherty PE, Katz P, Karuza J: Prevalence of Geriatric Practice among Chiropractors. Presented at New York State Society on Aging. October 19, 2005

Dougherty PE, Dimitroff LJ: Geriatricians attitudes about Chiropractic Medicine. Presented at New York State Society on Aging. October 19, 2005

Dougherty, P, Egan JT: Patient characteristics in a Chiropractic Clinic within a VA medical center. Accepted for presentation at the American Public Health Association, November 4, 2007

Paul Dougherty, DC, Jurgis Karuza, PhD, Paul Katz, MD and Andrew S. Dunn, DC, MEd, MS: Chiropractic management of chronic lower back pain in older adults: A randomized clinical trial. Accepted for presentation at the American Public Health Association, October 27, 2008

Paul Dougherty, DC, Jurgis Karuza, PhD, Paul Katz, MD and Jonathon Todd Egan: Spinal Manipulative Therapy versus Active Exercise Therapy for chronic lower back pain: A randomized clinical trial with subgroup analyses. Accepted for presentation at the American Public Health Association, October 27, 2008

### **Book Chapters:**

Killinger LZ, Dougherty PE. Aging, Public Health and Chiropractic. Textbook chapter in: Haneline M. Public Health and Chiropractic. Jones and Bartlett publishers. 2009.

### **RESEARCH SUPPORT:**

1. Brown, K. S. The Effect of a Mechanical Force, Manually Assisted (MFMA) Thrust on Decreasing Muscle Tone in Patients with Spasticity. Dishman, J. D., Burke, J. R., and **Dougherty, P.** 2004.  
Ref Type: Generic  
Ref ID: 111  
Abstract:  
Funding Agency: Association of Chiropractic Colleges in conjunction with Education Investment Company -ACC Scholarship Program  
Status: **Funded**  
Award Amount: \$35,000.00  
Award Period: May 1, 2004 to April 30, 2005
2. Dishman, J. D. Segmental Effects of Spinal Manipulative Therapy on Motoneuron Activity in Mechanical Low Back Pain Patients. Burke, J. R., **Dougherty, P. E.**, Zhu, Y., and Ball, K. A. 2001.  
Ref Type: Generic  
Ref ID: 128  
Abstract:  
Funding Agency: Foundation for Chiropractic Education and Research (FCER)  
Status: **Funded**  
Award Amount: \$68,340.00  
Award Period: October 1, 2001 to May 31, 2003

3. **Dougherty, P. E.** A Randomized Clinical Trial of Chiropractic Management versus Active Exercise Physical Therapy in Subgroups of Chronic Lower Back Pain Patients. Katz, P, Karuza, J., Marshall, F. J., and Dunn, A. S. 2006.  
Ref Type: Generic  
Ref ID: 383  
Abstract:  
Funding Agency: HRSA-Chiropractic Demonstration Projects  
Status: **Funded**  
Requested Amount: \$1,026,717.00  
Requested Period: September 1, 2006 to August 31, 2009
4. **Dougherty, P. E.** Chiropractic Management of Lower Back Pain in Older Adults. Katz, P and Karuza, J. 2005.  
Ref Type: Generic  
Ref ID: 173  
Abstract:  
Funding Agency: Veterans Administration  
Status: **Funded**  
Requested Amount: \$465,386.00  
Requested Period: April 1, 2006 to March 31, 2009
5. **Dougherty, P. E.** Project 7: New York Chiropractic College: Geriatric Education For Chiropractors (Finger Lakes Geriatric Education Center). Katz, P. 2005.  
Ref Type: Generic  
Ref ID: 175  
Abstract:  
Funding Agency: Health Resources and Services Administration (HRSA)  
Status: **Funded**  
Award Amount: \$150,000.00  
Award Period: July 1, 2005 to June 30, 2010  
Notes: HRSA lost funding of this program after June 30, 2006; \$30,000.00 per year distribution of funds.  
  
Award no. 1 D31HP08811-01-00  
Project period: 9/1/2007-6/30/2010  
Title of project: Geriatric Education Centers  
PI: Paul R. Katz, M.D.  
Total award: \$1,197,984 directs; \$1,248,556 inclusive
6. New York Chiropractic College. Conservative Management of Carpal Tunnel Syndrome with the Graston Technique. Burke, J. R., Buchberger, D., Dishman, J. D., **Dougherty, P. E.**, and Greco, D. S. 2003.  
Ref Type: Generic  
Ref ID: 9  
Abstract:

Funding Agency: TherapyCare Resources, Inc.

Status: **Funded**

Award Amount: \$76,619.00

Award Period: October 1, 2003 to October 31, 2005

Notes: Jeanmarie Burke (Program Coordinator); Dr. Dale Buchberger (Graston Technique (Clinician)); Drs. Donald Dishman and Douglas Greco (Clinical Neurophysiologists); Dr. Paul Dougherty (Chiropractic Clinician)