

DENNIS MJ HOMACK, BA, DC, MS

Certified Chiropractic Sports Physician/Practitioner



EDUCATION

New York Chiropractic College, Doctor of Chiropractic

Seneca Falls New York, July 1997

Cornell University, Master of Science

Design and Environmental Analysis (Ergonomics and Human Factors), Ithaca, New York, May 2005.

Stockton State College, Bachelor of Arts

Mathematics, Pomona, New Jersey, May 1993

Ocean County College, Associate in Science

Computer Science, Toms River New Jersey, May 1991.

American Chiropractic Board of Sports Physicians,

Certified Chiropractic Sports Physician/Practitioner (C.C.S.P.)

Certificate Number 3318, Nov. 1998

EXPERIENCE

- 9/18-Present **Professor**, Department of Diagnosis and Practice, NYCC, Seneca Falls, NY
- 8/06-9/18 **Associate Professor**, Department of Diagnosis and Practice, NYCC, Seneca Falls, NY
- 8/03-8/06 **Assistant Professor**, Department of Diagnosis and Practice, NYCC, Seneca Falls, NY
- 8/01-8/03 **Clinician/Assistant Professor**, Campus Health Center, NYCC, Seneca Falls, NY
- 9/99-Present **Ergonomist / Occupational Health Consultant**, Seneca Falls, NY
- 9/99-Present **Legal Consultant (Expertise in Chiropractic Medicine & Ergonomics)**, Seneca Falls, NY
- 8/99-8/01 **Clinician/Instructor**, Campus Health Center, NYCC, Seneca Falls, NY
- 12/98-9/2018 **Homack Family Chiropractic**, Private Practice, Seneca Falls, NY
- 12/98-8/99 **Resident Clinician**, Campus Health Center, NYCC, Seneca Falls, NY
- 9/97-12/98 **Graduate Clinical Associate**, Campus Health Center, NYCC, Seneca Falls, NY

SELECTED PUBLICATION CONTRIBUTIONS

- Longitudinal Tracking of Program Goals for Improved Curriculum Alignment., Homack DMJ Accepted for presentation at the Association of Chiropractic Colleges Conference (Dallas, TX., 3/18)
- Homack DMJ, Canfield C. Chapter Nine: The chiropractic Approach to the Extremities. In: Hawk C. The Praeger Handbook of Chiropractic Health Care: Evidence-Based Practices. Santa Barbara, CA. Praeger-ABC-CLIO, LLC. 2017
- Homack DMJ and Hedge A. Survey of Occupational Injuries to Practicing Chiropractors. Austin J Musculoskelet Disord. 2016; 3(2): 1036
- Systematic Review of Nondrug, Nonsurgical Treatment of Shoulder Conditions., Hawk C, Minkalis AL, Khorsan R, Daniels CJ, Homack D, Gliedt J, Hartman JA, Bhalerao S. JMPT 2017; 40(5): 293-319.
- Spontaneous Entrapment of the Spinal Accessory Nerve: An unusual post-surgical case study. Homack DMJ. Accepted for presentation at the Association of Chiropractic Colleges Conference (Las Vegas, NV., 3/09) [Presentation withdrawn by author].
- A Correlation of Static Verses Motion Models: An Updated Approach for Instruction. Bobak K., Homack DMJ Presented at the Association of Chiropractic Colleges Conference (Arizona, 3/07)
- Collecting Analyzable Data on Student Performance During Practical Examinations. Homack DMJ .Presented

at the Association of Chiropractic Colleges Conference (Washington, DC., 3/06)

- Derifield-Thompson Leg Length Analysis and Adjusting Protocol. Homack DMJ. Chiropr J Aust 2005; 35:16-20.
- Technical illustrations for the article Knowledge and application of correct car seat head restraint usage among chiropractic college interns: a cross-sectional study. Taylor JAM, et al. J Can Chiropr Assoc 2005; 49(1)
- The Doctor Patient Observer-Clinical Exercise (DPO-CEX): Early Evaluation of a Proposed Teaching Model. Homack DMJ. Presented at the Association of Chiropractic Colleges Conference (Las Vegas, NV., 3/05)
- Occupational Injuries of the Chiropractic Practitioner. Presented at the Association of Chiropractic Colleges Conference (Las Vegas, NV., 3/05)
- Effect of paper color on test performance: A preliminary investigation. Homack DMJ. Presented at the Association of Chiropractic Colleges Conference (Las Vegas, NV., 3/04)
- Whole-body vibration and low back pain: Areas of research evidenced in a review of the literature: Homack DMJ. Accepted at the Association of Chiropractic Colleges Conference (New Orleans, LA., 3/03).
- Outcomes Assessment Using The Derifield-Thompson Leg Length Analysis. Homack DMJ. Presented at the Association of Chiropractic Colleges Conference (New Orleans, LA., 3/02).
- Clinical Evaluation of Chiropractic Student Interns: An Interactive Approach. Homack DMJ. Presented at the Association of Chiropractic Colleges Conference (New Orleans, LA., 3/02).
- Easy Come, Easy Go: What the overturning of the OSHA Ergonomics Standard means to you Homack DMJ. **Transitions**, publication of NYCC (Winter 2000).
- The Burden of Childhood: Children & Backpacks Homack DMJ. **Transitions**, publication of NYCC (Summer 2001).
- Internet Forms that "Fracture" X-rays, MRI's and CT Scans Homack DMJ. **Transitions**, publication of NYCC pg 27(Spring 2001)
- Considerations of Digitally Compressed Diagnostic Images intended for Instructional Use Homack DMJ. Presented at the Association of Chiropractic Colleges Conference (San Diego, Ca., 3/01).
- Development of an Occupational Health Course for the Chiropractic Student Homack DMJ. Presented at the Association of Chiropractic Colleges Conference (San Diego, Ca., 3/01).
- Utilizing Computer Graphics to Enhance Student Comprehension of Radiographic Imaging Homack DMJ. Presented at Assoc. of Chiropractic Colleges Conference (San Diego, Ca., 3/01).
- Worker as Athlete Homack DMJ. **Transitions**, publication of NYCC pg 28(Summer 2000).
- NIOSH, OSHA and other "Big Brothers" Homack DMJ. **Transitions**, publication of NYCC (Fall 2000)
- Technical illustrations for the article Spinal Reflex Attenuation following Spinal Manipulation and Massage Dishman, J. Donald; Bulbulian, Ronald. Spine. 25(19):2519-2525, October 1st, 2000
- Technical illustrations for the article Clinical Precision in Localizing Myofascial Trigger Points: An Inter-rater Reliability Study. Sciotti, V. et al. Pain 2001; 93(3);259-66
- Anatomical and technical illustrations for the article Plantar Fasciitis written by J.R. Ebbets, DC, appearing in **Track Coach magazine** (March/April 1998 pp. 4566-4581).
- Anatomical and technical illustrations Lower Extremity Course Manual and Upper Extremity Course Manual (written by J.R. Ebbets, DC, 1997, 2000).

SELECTED PROFESSIONAL PRESENTATIONS

- The Extremities "Big Six" And the Conditions You Need to Know. 6-hour Post Graduate Course (2/2018)
- "The Five Red Flags": Pathologic Pronation and the Kinetic Chain. 1-hour Post Graduate Webinar Course (2017, 2018)
- Approach for EHR Use and Education Strategies. (with Callahan E, Cote M.) 3-hr In-Service NYCC Clinician's Weekend (2017)
- "It's a Trap!": Three Unusual Clinical Cases of Nerve Entrapment. 1-hour Post Graduate Course (7/2014)
- Tunnel Syndromes. 6-hour Post Graduate Course (2005, 2006, 2014, 2016, 2017)
- Custom Stabilizing Orthotics: In-Service Review. NYCC In-Service (7/2014)
- The Foot Levers Experience: Imaging & Ordering Orthotics. NYCC In-Service (6/2013)
- The Case for Custom Made Stabilizing Orthotics. 4-hour Post Graduate Course; NYCC Homecoming (2014)
- The Orthotic. Guest Lecture NYCC (3/2013)

- Custom Made Stabilizing Orthotics: Proficiency Course. 2-hour course offered through the Australian Chiropractic Association (2014-current)
- Evaluating Range of Motion: 3-hr NYCC Clinician's Weekend (2010)
- Utilizing electronic student responses devices in a classroom environment NYCC (2007)
- Spinal Accessory Nerve Entrapment: An Unusual case study Depew, NY (2007)
- Innovative methods for using ParScore in laboratory environments NYCC (2007)
- Tunnel Syndromes Overview: Unity Weekend NYCC (7/2006)
- Ergonomics: Understanding the Basics (6 Hrs) 6/2006)
- Solving Challenges through Ergonomics: Understanding Entrapment Syndromes (3/2006)
- Tunnel Syndromes (6 hour post-graduate seminar) (3/2005, 8/2005, 8/2006, 10/2006)
- Lifting, Carrying and Backpacks 2hrs Recorded Webinar (2004 to present)
- Human Computer Interface (HCI) 2 hrs Recorded Webinar (2004 to present)
- Solving Clinical Challenges through Ergonomics (12 hour post-graduate seminar) (11/2004)
- Ergonomics: New Rules in the Workplace (12 hour post-graduate seminar) (2001, 2002)
- Ithaca College ICGI Workshop Series: Ergonomics: Geriatric Patients and Those that care for them. (10/2003)
- Nazareth College Guest Lecture: Careers in Ergonomics-Chiropractic (2003)

Public Service Education lectures, including:

- Ergonomics for the Fayette Fire Department
- Featured Appearance on the "**Chiropractic Today**" television show (Topic - Ergonomics)
- Ergonomics for the Seneca County Sheriff Department Mounted Patrol
- Ergonomics & Chiropractic for the Cayuga County Community College
- Ergonomics & Chiropractic for the Clifton Springs Hospital Ambulance Crew
- Ergonomics & Chiropractic for the Seneca County Volunteer Fire Department
- Ergonomic Considerations for Health Care Workers at Seneca Lake Terrace Assisted Living Center

In-house presentations and course creation:

- Pediatric Lab Case Studies. 2hrs, NYCC (1/01, 2/05, 6/06)
- Workplace Ergonomics and Chiropractic. 2hrs, NYCC (3/00, 8/00, 10/00, 1/01)
- Pregnancy, Geriatrics & Chiropractic 2hrs, with Dr. Hartwell-Ford, NYCC (4/99)
- Case Study: LBP in patient with Favism 1hr with Dr. Hartwell-Ford, NYCC (8/99)
- Ergonomics and Chiropractic 2 hrs with Dr. Hartwell-Ford, NYCC (4/99, 6/99)
- CS0907 & CS1009 (Clinical Case Correlation class). Course development and co-lead with Dr. Hartwell-Ford, NYCC (1/99-12/99)
- Ergonomics and Human Factors (DIA6555). 30 hrs, NYCC Course elective since 5/00
- Ergonomics and Human Factors II (DIA6655). 30 hrs, NYCC Course elective since 5/01
- Ergonomics and Chiropractic 4 hrs, Nazareth College, Rochester, New York (10/02)
- Ergonomic Training and Functional Assessment. In conjunction with Dr. Dale Buchberger and Dr. Sandra Hartwell-Ford, in association with Burns Communications.

Training sessions:

Presentations:

- NYSEG (Geneva) Protect your Back, Lifting and Carrying
- Akwesasne Housing Authority Ergonomics worksite evaluation and training, Akwesasne, NY (3/2006)
- B.E. Wright Seneca Falls, NY (8/2/99, 8/3/99)
- Wright-Wisner Distributors, Rochester, NY (8/24/99, 8/25/99)
- VF Murphy Distributors, Batavia, NY (12/99)

Functional assessments:

- B.E. Wright (8/99)
- Wright-Wisner (12/99, 2/00)
- VF Murphy (2/00)
- Akwesasne Housing Authority (3/2006)

New York Chiropractic College:

- 2002-2004: Participation in NYCC gait mechanics research study at the gait lab at NYCC. This is a completed investigation, which has attempted to quantifiably measure changes in gait patterns measured before and after chiropractic, surgical and orthotic interventions.

Cornell University:

- 2005 Occupational risk of musculoskeletal disorders in the chiropractic profession: A survey of practicing doctors of chiropractic. Thesis for Master of Science Degree. An investigation of occupational injuries suffered by practicing doctors of chiropractic.
- 2003: Human-Computer interface investigation of electronic computer courses at eCornell. This group project included thorough evaluation and usability testing and presentation.
- 2003: Evaluation of long term health care facility at Clifton Springs Hospital. This group project included an ergonomic analysis of staff and facility and equipment assessment.
- 2002: Design dormitory lavatory facilities with emphasis on special needs usability considerations. This project was based on background research and was forwarded to a group of designers. Participated in construction of the prototype which was on display at Cornell University.
- 2002: Evaluation and analysis of a high volume chiropractic health center. This single investigator analysis included observation and survey of stake holders in a usability study of a busy chiropractic clinic situated within a teaching institution (NYCC).
- 2001: Ergonomic site evaluation and design recommendations for the Paleontological Research Institute, Ithaca, New York. A team project investigating ergonomic functional aspects of a new museum building for the institute.

PROFESSIONAL AFFILIATIONS

New York State Chiropractic Association

Licensed in:

- NY: X-008680
- PA: DC-007089-L (retired)
- NJ: MC-005370 (retired)

RECOGNITION

NYCC:

- Recipient, Faculty Excellence Award were in Teaching, 2017
- Nominated for Faculty Excellence Award in Citizenship, 2017
- Nominated for Faculty Excellence Award in Teaching, 2016
- Nominated for Faculty Excellence Award in Citizenship, 2015
- Nominated for Faculty Excellence Award in Citizenship, 2006
- Nominated for Faculty Excellence Award in Teaching, 2006
- Recipient, Faculty Excellence Award were in Citizenship, 2005
- Alumni Class President Award, August 1997
- Distinguished Service Award, August 1997
- Outstanding Service Award, December 1996
- Dean's list (academic excellence), December 1995

LEADERSHIP POSITIONS/CAMPUS PARTICIPATION

New York Chiropractic College:

- Co-developer and administrator of the 6th trimester MILESTONE 2 Examination (NYCC- 2015 – present)
- Vice President of Faculty Senate July 2004 – 2008.
- Participant/assistant organizer SFCHS Wellness Fair, June 2002
- Chairman of SFCHC Wellness Fair, June 2001
- Equal Opportunity Award Scholarship essay reviewer (Fall 2000, Fall 2004, Darrin L. Rooker, Director of Financial Aid, NYCC)
- Chirogames 2000 volunteer September 2000; First aid and emergency services
- Co-Chair for the Orthopedic/Neurology Portion of OAI (2000-2004)
- Mascot Pilot Team (NYCC Intranet software pilot program)
- Member of the following committees (partial list):
- Ad hoc committee regarding ethical considerations and teacher/student relationships (2004)
- Open Adjusting Committee (2005)
- Academic Affairs Committee (2004-2005)
- Website Advisory Committee (2004-2006)
- Napolitano Project Committee (2004-2005)
- Note pack committee (2004 – 2005)
- VBAI Screening Efficacy Committee (2004)
- Adjunct Evaluation Committee (2000-2001)
- Clinic Director Search Committee (1999-2000)
- Class participation/Health screening committee (2000)
- Clinician Search Committee (2000)
- Welch Allyn Pictation Evaluation Committee
- SFCHC Intern selection committee (1999-2001)
- Public Education Committee (PEC) (2000-2005)

New York Chiropractic College (STUDENT PARTICIPATION):

- Class President (August 1996-August 1997)
- Honor Court Member (and Judicial Board Alternate) (July 1994- August 1997)
- Member of Dean's Council
- Academic Curriculum (Cluster) Committee
- *The Impulse* (student publication) contributor and art editor
- *The CNS* (publication of the student government) art editor
- Awards Committee
- "8th Tri Event" Committee
- Graduation Speaker Committee
- Commencement Committee
- Yearbook Committee

Stockton State College:

Alpha Chi Rho (National Fraternity) Alumni

MILITARY

2/80-2/84 United States Air Force

- Crew Chief on the U-2 / TR-1 and SR-71 reconnaissance aircraft.
- Also designed specialized ground equipment for use on these and other aircraft. (Designs were later implemented in the U.S. and abroad.)
- Attended NCO leadership school.
- Granted military Top Secret security clearance.
- Honorably discharged after fulfillment of 4 year enlistment with rank of E-4.

PERSONAL INTERESTS / COMMUNITY INVOLVEMENT

- Completion of 30 hour certification class for Adoptive/Foster Parents (6/02)
- Computer and mathematical skills include analytical problem solving, programming and information processing on Apple, IBM and mainframe computers. Experienced user of Microsoft Office products, including Power Point, Word, Outlook, Outlook Express, Excel, Frontpage and other Microsoft products.
- Graphic design and experienced user of graphics software such as Adobe and Jasc Paint Shop Pro. Digital video and website creation using Macromedia Flash MX, Dreamweaver MX, SwishMax, SwishStudio, SwishVideo, Microsoft Moviemaker, Stoik Video converter, Audacity Audio program and similar products.
- Event Volunteer for Boys and Girls Club (Geneva)" Santa" (12/00)
- Winter 1998 NYCC Health Fair/ Summer 2001 NYCC Run for Health & SFCHC Wellness Fair
- Volunteer for "Breakfast with Santa" as Santa (12/98, 12/99)
- "Partners in Education" participant for the Romulus and Seneca Falls school systems. (1997 to present)
- Graphics artist for Transitions, a publication of New York Chiropractic College
- Creator of the *"My Chiropractor Told Me..."* Coloring book series.
- Creator and writer of the comic strip *"Oh, Brother!"*, (formerly known as *"Uncle Bill"*)
- T-shirt designs, architectural models, and gallery quality renderings.
- Former Boy Scouts of America Committee Member Troop 73, Seneca Falls, NY.
- Lifetime member of the Barnegat Township Municipal Alliance Committee, (located in Barnegat, New Jersey. This organization is a community based group helping to minimize drug and alcohol abuse.)
- Former assistant coach with the Barnegat (NJ) Youth Little League.

The material above represents a sampling of the activities I have accomplished within the last 30 years, and should not be construed as all-inclusive. References are available upon request, as is additional supporting information.