

Curriculum Vitae:

Frederick Robert Carrick, DC, PhD, MS-HPed

*Professor of Neurology and Senior Research Fellow Centre for Mental Health
Research in association with the University of Cambridge (CMHR-CU),
Cambridge, UK*

*Professor of Neurology University of Central Florida College of Medicine,
Orlando, Florida, USA*

Professor MGH Institute of Health Professions

drfrcarrick@post.harvard.edu

Education

University of Manitoba: Winnipeg, Canada: Pre-Med 1975

Canadian Memorial Chiropractic College: Toronto, Canada: Doctor of
Chiropractic 1979

National University of Health Sciences: Lombard, Illinois: Orthopedics 1982

New York Chiropractic College: Glen Cove, New York: Neurology 1987

Walden University, Minneapolis, Minnesota: Ph.D., 1996 Dissertation:
Neurophysiological Implications in Learning AAT 9713635

Harvard Medical School: Post Doctoral Clinical Scholar Research Clinical Trials 2014
with Commendation

MGH Institute of Health Professions: MS-HPed 2017

Certification

Diplomate American Chiropractic Academy of Neurology

Diplomate American Board of Chiropractic

Neurology Diplomate American Chiropractic

Neurology Board Diplomate American College of

Pain Management Fellow American College of

Chiropractic Neurology

Fellow Royal College of Physicians (Physiological Neurology

USA) Fellow European Academy of Chiropractic (Neurology)

Fellow American College of Functional Neurology

Fellow American Board of Electrodiagnostic Specialties

Fellow American Board of Childhood Developmental Disorders

Fellow American Board of Vestibular Rehabilitation

Fellow American Board of Brain Injury and Rehabilitation

Fellow European Chiropractic Academy of Chiropractic

(Neurology) Fellow International College of Chiropractors

Professional Associations American

Chiropractic Association American

College of Sports Medicine

American College of Chiropractic

Orthopedists American College of

Chiropractic Neurology ACA Council on

Neurology
ACA Council on Orthopedics
Florida Chiropractic Association
Georgia Chiropractic
Association European
Neurological Society

Appointments

Chairman New Hampshire Board of Chiropractic Examiners and Registration
President's Advisor on Biomechanics, New York Chiropractic College
President American College of Chiropractic Neurology
President American Chiropractic Association Council on Neurology
Distinguished Professor of Neurology, Life University
Professor Emeritus of Neurology, Parker University
Distinguished Post Graduate Professor of Clinical Neurology, Logan
University
Fellow of the International College of Chiropractors (FICC)
President ACA Board of Chiropractic Specialties
Professor Invitado of Neurology, University of Science and Medicine, Havana, Cuba
PhD Faculty Referree: Faculty of Medicine and Surgery, Universita a Degli Studi "G.
D'annunzio" Chieti, Italy
Harvard Medical School GCSRT Capstone Mentor
Emory University Rollins School of Public Health: MPH supervisor
Senior Research Fellow Centre for Mental Health Research in association with the
University of Cambridge (CMHR-CU), Cambridge, UK
Harvard Macy Institute Faculty Scholar
Professor of Neurology University of Central Florida College of Medicine, Orlando,
Florida, USA
Professor MGH Institute of Health Professions

Publications

Carrick FR. Treatment of the pathomechanics of the lumbar spine by
manipulation. J Manipulative Physiol Ther, 1981; 4:173-178.

Carrick FR. Cervical radiculopathy: The diagnosis and treatment of
pathomechanics in the cervical spine. J Manipulative Physiol
Ther, 1983; 6: 129-137.

Carrick FR. Manipulative Techniques and Neurology Video Series, 1991;
Logan College, St. Louis, MO.

Carrick FR. Peripheral Nervous System: Clinical Dissection and
Correlations Video Series, 1991; Logan College, St. Louis, MO.

Carrick FR. Central Nervous System: Human Brain Dissection Video
Series, 1992; Logan College, St. Louis, MO.

Carrick FR. Advanced Manipulative Techniques and Neurology Video
Series, 1993; Logan College, St. Louis, MO.

Carrick FR. Physical Examination for the Primary Contact Physician
Video Series, 1994; Logan College, St. Louis, MO.

Carrick FR. Changes in brain function after manipulation of the cervical spine. *J Manipulative Physiol Ther* 1997;20:529-545.

Carrick FR. The Treatment of Cervical dystonia by manipulation of the Cervical Spine: A study of brain hemisphericity, patient attributes and dystonia characteristics. *International Journal of Applied Kinesiology and Kinesiological Medicine*, Issue No. 10, Summer 2001

Carrick, FR, Oggero, E, Pagnacco, G., Brock, JB, Arian, T. Posturographic testing and motor learning predictability in gymnasts. *Eura Medicophys*. 2006 September; 42.Suppl to Issue 3(2):80-84

Carrick, FR, Oggero, E, Pagnacco, G. Balance Impairment and music therapy: Posturographic changes associated with the Noltwenn effect. *Eura Medicophys*. 2006 September; 42.Suppl to Issue 3(2):82-84

Carrick, FR, Oggero, E, Pagnacco, G. Posturographic changes associated with music listening.
J Altern Complement Med. 2007 Jun;13(5):519-26.
PMID: 17604555

Carrick FR, Oggero E, Pagnacco G, Brock JB, Arian T.
Posturographic testing and motor learning predictability in gymnasts.
Disabil Rehabil. 2007 Dec 30;29(24):1881-9

Pagnacco G, Oggero E, Carrick FR. Repeatability of posturographic measures of the mcsib static balance tests a preliminary investigation. *Biomed Sci Instrum*. 2008;44:41-6.

Carrick, F, Leisman, G, Melillo, R. COGNITIVE CHANGES IN ADHD CHILDREN AFTER A 12 WEEK POSTURAL REHABILITATION PROGRAM, *Parkinsonism and Related Disorders*, 16, p.S80-S80, Feb 2010

Carrick, F, Leisman, G, Melillo, R. A RELATIONSHIP BETWEEN POSTURAL AND COGNITIVE ABILITIES IN ADHD, *Parkinsonism and Related Disorders*, 16, p.S20-S20, Feb 2010

Carrick, F, Leisman, G, Melillo, R, Machado, C. DISORDERS OF MOVEMENT AND MOTOR FUNCTION DO NOT AFFECT CONSCIOUSNESS BUT FACILITATE COGNITIVE AND MOTOR PLASTICITY, *Parkinsonism and Related Disorders*, 16, p.S37-S37, Feb 2010

Carrick, F.R, Pagnacco, G., Oggero, E., Sullivan, S., Barton, D., Esposito, S., Leisman, G. and Melillo, R. The Effects of Whole Body Rotations in the Pitch and Yaw Planes on Postural Stability. *Functional Neurology, Rehabilitation, and Ergonomics*. 2011, 1(2), 167-179

Daubeny, N., Carrick, F. R. Melillo, R. Leisman, G. Effects of Contralateral Extremity Manipulation on Brain Function. *International Journal of Disability and Human Development*, 2010, 9(4), 269-273

Leisman, G., Melillo, R., Thum, S., Ransom, M.A., Orlando, M., Tice, C., and Carrick, F. R. The Effect of Hemisphere Specific Remediation Strategies on the Academic Performance Outcome of Children with ADD/ADHD. *International Journal of Adolescent Medicine and Health*. 2010, 22:10, 117-121.

Machado C, Estévez M, Carrick FR (Editorial). QEEG may increase the reliability of diagnostic and prognostic procedures in cerebral arterial gas embolism. *Clinical Neurophysiology* (in press).

Rodriguez-Rojas R, Machado C, Carballo-Barreda M, Batista M, Estévez M, Perez-Nellar J, Carrick FR. Neuroimaging-based assessment of default network connectivity in brain damaged patients. *Journal of Functional Neurology, Rehabilitation, and Ergonomics* (in press)

Rodriguez-Rojas R, Machado C, Carballo-Barreda M, Batista M, Estévez M, Perez-Nellar J, Carrick FR. Assessment of metabolic modulation of cortical network after pharmacological intervention by multimodal neuroimaging in patients with brain injuries. *Journal of Functional Neurology, Rehabilitation, and Ergonomics* (in press)

Machado Y, Estévez M, Carrick FR. Heart rate variability in comatose patients. *Journal of Functional Neurology, Rehabilitation, and Ergonomics* (in press).

Pagnacco G, Wright CH, Oggero E, Bundle MW, Carrick FR. On "Comparison of a laboratory grade force platform with a Nintendo Wii Balance Board on measurement of postural control in single-leg stance balance tasks" by Huurnink, A., et al. [*J. Biomech* 46(7) (2013) 1392]: Are the conclusions stated by the authors justified? *J Biomech*. 2013 Dec 4. pii: S0021-9290(13)00577-0. doi: 10.1016/j.jbiomech.2013.06.039. [Epub ahead of print] PubMed PMID: 24359674.

Machado C, Estévez M, Rodríguez R, Pérez-Nellar J, Chinchilla M, Defina P, Leisman G, Carrick FR, Melillo R, Schiavi A, Gutiérrez J, Carballo M, Machado A, Olivares A, Pérez-Cruz N. Zolpidem Arousing Effect In Persistent Vegetative State Patients: Autonomic, Eeg And Behavioral Assessment. *Curr Pharm Des*. 2013 Sep 10. PubMed PMID: 24025063.

Rodriguez-Rojas R, Machado C, Alvarez L, Carballo M, Estevez M, Perez-Nellar J, Pavon N, Chinchilla M, Carrick FR, DeFina P. Zolpidem induces paradoxical metabolic and vascular changes in a patient with PVS. *Brain Inj*. 2013;27(11):1320-9. doi: 10.3109/02699052.2013.794961. PubMed PMID: 23924270.

Oggero E, Carrick FR, Pagnacco G. Frequency content of standard posturographic measures - biomed 2013. *Biomed Sci Instrum*. 2013;49:48-53. PubMed PMID: 23686180.

Machado C, Estévez M, Carrick FR, Rodríguez R, Pérez-Nellar J, Chinchilla M, Machado Y, Pérez-Hoz G, Carballo M, Fleitas M, Pando A. Vegetative state is a pejorative term. *NeuroRehabilitation*. 2012;31(4):345-7. doi: 10.3233/NRE-2012-00802. PubMed PMID: 23232156.

Machado-Ferrer Y, Estévez M, Machado C, Hernández-Cruz A, Carrick FR, Leisman G, Melillo R, Defina P, Chinchilla M, Machado Y. Heart rate variability for assessing comatose patients with different Glasgow Coma Scale scores. *Clin*

Neurophysiol. 2013 Mar;124(3):589-97. doi: 10.1016/j.clinph.2012.09.008. Epub 2012 Oct 10. PubMed PMID: 23063293.

Pagnacco G, Carrick FR, Pascolo PB, Rossi R, Oggero E. Learning effect of standing on foam during posturographic testing preliminary findings. *Biomed Sci Instrum.* 2012;48:332-9. PubMed PMID: 22846302.

Machado C, Estévez M, Rodríguez R, Carrick FR, Melillo R, Leisman G. Bilateral N20 absence in post-anoxic coma: do you pay attention? *Clin Neurophysiol.* 2012 Jul;123(7):1264-6. doi: 10.1016/j.clinph.2011.11.008. Epub 2011 Dec 29. PubMed PMID: 22209660.

Leisman G, Melillo R, Thum S, Ransom MA, Orlando M, Tice C, Carrick FR. The effect of hemisphere specific remediation strategies on the academic performance outcome of children with ADD/ADHD. *Int J Adolesc Med Health.* 2010 Apr-Jun;22(2):275-83. PubMed PMID: 21061929.

Pagnacco G, Oggero E, Carrick FR. Repeatability of posturographic measures of the mctsib static balance tests a preliminary investigation. *Biomed Sci Instrum.* 2008;44:41-6. PubMed PMID: 19141890.

Carrick FR, Oggero E, Pagnacco G, Brock JB, Arian T. Posturographic testing and motor learning predictability in gymnasts. *Disabil Rehabil.* 2007 Dec 30;29(24):1881-9. Epub 2007 Feb 9. PubMed PMID: 17852265.

Pagnacco G, Carrick FR, Wright CH, Oggero E. Between-subjects differences of within-subject variability in repeated balance measures: Consequences on the minimum detectable change. *Gait Posture.* 2014 Sep 28.

Pagnacco G, Carrick FR, Wright CH, Oggero E. In-situ verification of accuracy, precision and resolution of force and balance platforms. *Biomed Sci Instrum.* 2014;50:171-8. PMID: 25405420

Carrick FR, McLellan K, Brock JB, Randall C and Oggero E (2015) Evaluation of the effectiveness of a novel brain and vestibular rehabilitation treatment modality in PTSD patients who have suffered combat-related traumatic brain injuries. *Front. Public Health* 3:15. doi: 10.3389/fpubh.2015.00015

Carrick FR, Pagnacco G, McLellan K, Solis R, Shores J, Fredieu A, Brock JB, Randall C, Wright C, Oggero E. Short- and Long-Term Effectiveness of a Subject's Specific Novel

Brain and Vestibular Rehabilitation Treatment Modality in Combat Veterans Suffering from PTSD. *Front Public Health*. 2015 Jun 1;3:151. doi: 10.3389/fpubh.2015.00151. eCollection 2015. PMID: 26082920

Pagnacco G, Wright CH, Oggero E, Bundle MW, Carrick FR. On "Comparison of a laboratory grade force platform with a Nintendo Wii Balance Board on measurement of postural control in single-leg stance balance tasks" by Huurnink, A., et al. [*J. Biomech* 46(7) (2013) 1392]: Are the conclusions stated by the authors justified? *J Biomech*. 2014 Feb 7;47(3):759-60. doi: 10.1016/j.jbiomech.2013.06.039. Epub 2013 Dec 4. PubMed PMID: 24359674.

Pagnacco G, Klotzek AS, Carrick FR, Wright CH, Oggero E. Effect of tone-based sound stimulation on balance performance of normal subjects: preliminary investigation. *Biomed Sci Instrum*. 2015;51:54-61. PubMed PMID: 25996699.

Carrick FR, Pagnacco G, Wright CH, Oggero E. Changes in Saccadic Eye Movements produced by Novel Brain and Vestibular rehabilitation Therapy. *Biomed Sci Instrum*. 2015;51:9-16. PubMed PMID: 25996693.

Hankir A, Carrick FR, Zaman R. Islam, mental health and being a Muslim in the West. *Psychiatr Danub*. 2015 Sep;27 Suppl 1:53-9. PubMed PMID: 26417737.

Carrick FR, Oggero E, Pagnacco G, et al. Eye-Movement Training Results in Changes in qEEG and NIH Stroke Scale in Subjects Suffering from Acute Middle Cerebral Artery Ischemic Stroke: A Randomized Control Trial. *Frontiers in Neurology*. 2016;7:3. doi:10.3389/fneur.2016.00003.

Carrick Frederick Robert, Abdulrahman Mahera, Hankir Ahmed, Zayaruzny Maksim, Najem Kinda, Lungchukiet Palita, Edwards Roger A. Randomized Controlled Study of a Remote Flipped Classroom Neuro-otology Curriculum *Frontiers in Neurology* DOI=10.3389/fneur.2017.00349

Abdulrahman M, Abdullah SS, Alaani AFK, AlAbdool NH, Sherif FEY, Ahmed ZS, Al-Rawi HI, Hubaishi NM, Tahlak MA, Carrick FR. Exploring Obstetrical Interventions and Stratified Cesarean Section Rates Using the Robson Classification in Tertiary Care Hospitals in the United Arab Emirates. *Rev Bras Ginecol Obstet*. 2019 Mar 14. doi: 10.1055/s-0038-1676524. [Epub ahead of print] PubMed PMID: 30873565.

Zaman R, Carrick FR, Hankir A. Innovative approaches to improving the image of psychiatrists and psychiatry amongst medical students and doctors in the UK. *Psychiatr Danub*. 2018 Nov;30(Suppl 7):616-619. PubMed PMID: 30439859.

Al Abdouli L, Dalmook H, Akram Abdo M, Carrick FR, Abdul Rahman M. Colorectal Cancer Risk Awareness and Screening Uptake among Adults in the United Arab Emirates. *Asian Pac J Cancer Prev*. 2018 Aug 24;19(8):2343-2349. PubMed PMID: 30141313; PubMed Central PMCID: PMC6171396.

Abdulrahman M, Nair SC, Farooq MM, Al Kharmiri A, Al Marzooqi F, Carrick FR. Burnout and depression among medical residents in the United Arab Emirates: A Multicenter study. *J Family Med Prim Care*. 2018 Mar-Apr;7(2):435-441. doi: 10.4103/jfmpe.jfmpe_199_17. Erratum in: *J Family Med Prim Care*. 2018 Jul-Aug;7(4):839. PubMed PMID: 30090790; PubMed Central PMCID: PMC6060937.

Carrick FR, Pagnacco G, Hankir A, Abdulrahman M, Zaman R, Kalambaheti ER, Barton DA, Link PE, Oggero E. The Treatment of Autism Spectrum Disorder With Auditory Neurofeedback: A Randomized Placebo Controlled Trial Using the Mente Autism Device. *Front Neurol*. 2018 Jul 5;9:537. doi: 10.3389/fneur.2018.00537. eCollection 2018. PubMed PMID: 30026726; PubMed Central PMCID: PMC6041407.

Tahlak MA, Abdulrahman M, Hubaishi NM, Omar M, Cherifi F, Magray S, Carrick FR. Emergency peripartum hysterectomy in the Dubai health system: A fifteen year experience. *Turk J Obstet Gynecol*. 2018 Mar;15(1):1-7. doi: 10.4274/tjod.55492. Epub 2018 Mar 28. PubMed PMID: 29662708; PubMed Central PMCID: PMC5894529.

Hankir A, Khalil S, Wadood Q, Madarbukus D, Yunus HA, Bibi S, Carrick FR, Zaman R. The Federation of Student Islamic Societies programme to challenge mental health Stigma in Muslim communities in England: The FOSIS Birmingham study. *Psychiatr Danub*. 2017 Sep;29(Suppl 3):512-520. PubMed PMID: 28953818.

Hankir A, Zaman R, Lim MF, Lever I, Brothwood P, Carrick FR, Hughes JH, Jones CW. A King's College London Undergraduate Psychiatry Society event to challenge the stigma attached to psychological problems in healthcare professionals and students. *Psychiatr Danub*. 2017 Sep;29(Suppl 3):457-463. PubMed PMID: 28953808.

Alhammadi SM, Hashem LA, Abusbeih ZR, Alzaabi FS, Alnuaimi SN, Jalabi AF, Nair SC, Carrick FR, Abdulrahman M. Predictors of Postpartum Depression in Dubai, a Rapidly Growing Multicultural Society in the United Arab Emirates. *Psychiatr Danub*. 2017 Sep;29(Suppl 3):313-322. PubMed PMID: 28953784.

Hankir A, Zaman R, Geers B, Rosie G, Breslin G, Barr L, Carrick FR, Anderson S. The Wounded Healer film: A London College of Communication event to challenge mental health stigma through the power of motion picture. *Psychiatr Danub*. 2017 Sep;29(Suppl 3):307-312. PubMed PMID: 28953783.

Linton S, Hankir A, Anderson S, Carrick FR, Zaman R. Harnessing the Power of Film to Combat Mental Health Stigma. A University College London Psychiatry Society Event. *Psychiatr Danub.* 2017 Sep;29(Suppl 3):300-306. PubMed PMID: 28953782.

Hankir A, Pendegast H, Carrick FR, Zaman R. The Federation of Student Islamic Societies programme to challenge mental health Stigma in Muslim communities in Ireland: The FOSIS Dublin study. *Psychiatr Danub.* 2017 Sep;29(Suppl 3):279-284. PubMed PMID: 28953778.

Hankir A, Kirkcaldy B, Carrick FR, Sadiq A, Zaman R. The performing arts and psychological well-being. *Psychiatr Danub.* 2017 Sep;29(Suppl 3):196-202. PubMed PMID: 28953763.

Hankir A, Carrick FR, Zaman R, Hughes JH. Part II: Muslims perceptions of British cobat troops. *Psychiatr Danub.* 2017 Sep;29(Suppl 3):173-178. PubMed PMID: 28953759.

Hankir A, Carrick FR, Zaman R. Part I: Muslims, social inclusion and the West. Exploring challenges faced by stigmatized groups. *Psychiatr Danub.* 2017 Sep;29(Suppl 3):164-172. PubMed PMID: 28953758.

Abdulrahman M, Alsalehi S, Husain ZSM, Nair SC, Carrick FR. Professionalism among multicultural medical students in the United Arab Emirates. *Med Educ Online.* 2017;22(1):1372669. doi: 10.1080/10872981.2017.1372669. PubMed PMID: 28918704; PubMed Central PMCID: PMC5653941.

Carrick FR, Clark JF, Pagnacco G, Antonucci MM, Hankir A, Zaman R, Oggero E. Head-Eye Vestibular Motion Therapy Affects the Mental and Physical Health of Severe Chronic Postconcussion Patients. *Front Neurol.* 2017 Aug 22;8:414. doi: 10.3389/fneur.2017.00414. eCollection 2017. PubMed PMID: 28878731; PubMed Central PMCID: PMC5572417.

Television and Film

Public Broadcasting System Television Special on the work of Professor Frederick Carrick: WAKING UP THE BRAIN:AMAZING ADJUSTMENTS, part of the BODY AND SOUL series on health care: 2001

Canadian Broadcasting Company-Hockey Night in Canada
<http://www.cbc.ca/sports/hockeynightincanada/insidehockey/video/#id=21711000>
44

Discovery Channel

<http://watch.discoverychannel.ca/#clip5736>

33

NBC Sports

<http://prohockeytalk.nbcsports.com/2012/06/11/symptom-free-latendresse-wants-to-stay-in-minnesota-its-like-i-never-had-any-concussion/>

CBC Canada-Quebec

<http://www.hockeywilderness.com/2012/4/23/2961399/guillaume-latendresse-interview-rds-lantichambre>

NBC Sports

<http://prohockeytalk.nbcsports.com/2012/04/23/the-latest-gizmo-in-concussion-treatment-whole-body-gyroscopes/>

ABC The Doctors

<http://www.thedoctorstv.com/videolib/init/5707>

Star Blogs

<http://thestar.blogs.com/olympics/>

NESN

<http://www.nesn.com/.m/2012/03/alexandre-pato-ac-milan-star-will-jet-to-atlanta-to-treat-chronic-thigh-problem.html>

CBC Canada

<http://www.cbc.ca/day6/blog/2011/11/25/crosbys-doctor-and-rebuilding-the-brain/>

ABC Nightline News

<http://abcnews.go.com/Nightline/video/chiropractic-neurology-miracle-method-placebo-17032877>

Lectures and Presentations

American Academy of Family Practice, Portland Maine

American Academy of Chiropractic Orthopedists, Minneapolis, Minnesota

Harvard Medical School, Cambridge, Massachusetts

Dartmouth-Hitchcock Medical Center, Hanover, New Hampshire

Hitchcock Clinic, Nashua, New Hampshire

Danvers Hospital, Danvers, Massachusetts

New Hampshire Chiropractic Association Convention, University of New Hampshire

Massachusetts Chiropractic Association Convention, Bedford, Massachusetts

Rhode Island Chiropractic Association Convention, Newport, Rhode Island

Maine Chiropractic Association Convention, Samosett, Maine

New York Chiropractic Association Convention, Catskills, New York

Florida Chiropractic Association Convention, Orlando, Florida
Florida Chiropractic Association Convention, Naples, Florida
Hillsborough Chiropractic Association, Tampa, Florida
Dade County Chiropractic Association, Miami, Florida
Central Florida Chiropractic Association, Orlando, Florida
University of Central Florida, Neurological Techniques and Application
Brevard County Chiropractic Association, Melbourne, Florida
Alaska Chiropractic Association Convention, Anchorage, Alaska
Pennsylvania Chiropractic Association, Philadelphia, Pennsylvania
Institute on Gerontology, Baku, USSR
Neurology Polyclinic, Leningrad, USSR
Neurology Polyclinic, Moscow, USSR
American Back Society, San Francisco, California
Cervical Spine Symposium, New York, New York
Massachusetts Dental Association, Boston, Massachusetts
Indiana Chiropractic Society Convention
Florida Chiropractic Society Convention, Ft. Lauderdale, Florida
European Chiropractic Union Congress, Dublin, Ireland
Palmer College Homecoming Lecture 1991
Western States Chiropractic College Homecoming Lecture 1991
New York Chiropractic College Homecoming Lecture
Palmer College Homecoming Lecture 1992
Arizona Neurology Phoenix 15 hour Neurology Symposium 1992
San Francisco Neurology Associates 15 Hour Decade of Brain Lecture
North Florida Chiropractic Association Jacksonville Brain Disorders
Florida Chiropractic Association Fall Convention Orlando 1992
Brevard County Chiropractic Association: Cerebellar Infarct Syndromes
Logan College Central Nervous System Brain Dissection 1992
Logan College Peripheral Nervous System Dissection 1993

Logan College Physical Examination for the Primary Contact Physician 1993
Palmer College Homecoming Lecture 1993
European Neurology Conference 15 hours, Amsterdam, Netherlands 1993
European Neurology Conference 25 hours, Amsterdam, Netherlands 1994
Neurological Rehabilitation 25 hours, St. Louis, MO 1994
Neurological Techniques 15 hours, San Francisco, CA 1994
European Neurology Conference 25 hours, Oslo, Norway 1994
Logan College Homecoming 1994
Palmer College Homecoming Lecture 1994
Neurology 25 hour symposium, Copenhagen, Denmark 1994
Scandinavian Chiropractic Congress, Oslo, Norway 25 hours 1994
Logan College Homecoming Lecture 1995
Parker College Homecoming Lecture 1996
International Conference on Spinal Manipulation 1996, Bournemouth, England
European Chiropractic Union Conference 1997, Amsterdam, Netherlands
International Conference on Spinal Manipulation 1998, Vancouver, Canada
Vestibular Rehabilitation Congress 2002, San Francisco, California
Parker Seminars 2002, Las Vegas Nevada
University of Alicante 2003, Advanced Brain Function and Dissection, Alicante, Spain
American Music Therapy Association Congress 2004, Orlando, Florida
Joint European and American Congress on Gait and Posture 2005, Amsterdam, Netherlands
Mediterranean Congress on Physical and Rehabilitation Medicine 2005, Villemouran, Portugal
Northwestern Naturopathic Medicine Congress 2005, Tacoma, Washington
Life Chiropractic College West Congress 2005, San Francisco, California
European Chiropractic Union/WFC Conference 2006, Villemoura, Portugal
Ramon Santiago Cajal Inaugural Lecture 2006, Maria Christina University, San Salvadore de Escorial, Spain
American Veterinary Medicine Congress 2006, Milwaukee, Wisconsin
Virginia Chiropractic Association Annual Convention 2007, Staunton, VA
Life University Homecoming 2007, Marietta, GA
Georgia Chiropractic Association 2007, Atlanta, GA
Northwestern University of Health Sciences 2007, Minneapolis, MN
Vrii University Amsterdam 2007: Coma, Diagnosis and Applications
World Federation of Chiropractic 2009: Montreal, Canada
Massachusetts Chiropractic Association Convention 2009; Boston, MA
Australian Functional Neurology Lectures 2009; Sydney, Melbourne, Perth, Brisbane
Japan Functional Neurology Lectures 2009; Tokyo
Korea Functional Neurology Lectures 2009; Seoul
Oregon Chiropractic Association Convention 2009; Portland, OR
Pennsylvania Chiropractic Association Convention 2010; Gettysburg, PA
Order of Chiropractors of Quebec Convention 2010; Montreal, Canada
Life University Homecoming 2010; Marrietta, GA
Alberta Neurological Symposium 2011, Calgary, Alberta
Manitoba Chiropractic Association 2011, Winnipeg, Manitoba
Octagon Conference on Conciousness 2011, Life University , Marrietta, GA
Sherman College of Chiropractic Homecoming Lecture 2012, Spartanburg, SC
Professional Hockey Athletic Trainers Society Conference 2012, Ft Lauderdale, Florida

CAA NHL Hockey Camp Concussion Lecture 2013, Los Angeles, CA
CAA NHL Hockey Camp Concussion Lecture 2014, Los Angeles, CA
CAA NHL Hockey Camp Concussion Lecture 2015, Los Angeles, CA University of
Veracruz Medical School Lecture 2015, Veracruz,
Mexico
Cambridge University, Key Note Lecture Brain Trauma 2015, Cambridge, UK
Yale University Surgical Transplant Grand Rounds, Key note Lecture, 2015 New
Haven, CT
CAA NHL Hockey Camp Concussion Lecture 2016, Los Angeles, CA
University of Paris, Hopital Salpetriere 2016, Keynote Lecture Neurology
CAA NHL Hockey Camp Concussion Lecture 2017, Los Angeles, CA
Massachusetts General Hospital Institute 2017, Neuro-otology and learning lecture
Activator Leadership Keynote, Phoenix, AZ 2017
California Chiropractic Association Key Note 2018
Oregon Chiropractic Association Key Note 2019

Convocation Addresses

New York Chiropractic College Class of 1989, Glen Head, New York
Parker College of Chiropractic Class of 1996, Fort Worth, Texas
Palmer College of Chiropractic Florida Class of 2005, Port Orange, Florida
Parker University Class of 2014, Fort Worth, Texas

Medals and Decorations

United Nations Medal, Cyprus
Medaille Service de la Paix, Cyprus

Awards

New Hampshire Chiropractic Association Presidential Citation 1985
Leningrad Polyclinic St. Peter's Award 1985
American College of Chiropractic Neurology: Neurologist of the year 1988
New Hampshire State Senate Resolution for Research and Application 1988
Florida Chiropractic Association Award for Academic Excellence in Education 1990
American College of Chiropractic Neurology: Neurologist of the year 1991
American College of Chiropractic Neurology: Neurologist of the year 1992
American Chiropractic Association Torch Award 1992
American College of Chiropractic Neurology: Neurologist of the year 1993
Award For Outstanding Service: Logan College 1993
Leadership Award: Logan College 1994
Distinguished Service Award: Logan College Alumni 1995
Neurologist of the Year, 1997: ACA Council on Neurology Educator of the Year,
1997: ACA Council on Neurology Researcher of the Year, 1997: ACA Council on
Neurology Educator of the Year, 1998: ACA Council on Neurology Researcher of
the Year, 1998: ACA Council on Neurology Educator of the Year, 1999: ACA
Council on Neurology Researcher of the Year, 1999, ACA Council on Neurology
Researcher of the Year, 2000, ACA Council on Neurology President's Award,
2001: American Chiropractic Association Researcher of the Year, 2006: ACA

Life University: Lifetime Achievement in Contemporary Scientific Paradigms, 2007

Korean Academy of Functional Neurology: Lifetime Achievement Award, 2009

Researcher of the Year, 2009; ACA Council on Neurology

International Association of Functional Neurology and Rehabilitation: Lifetime Achievement Award in Neuroscience, 2010

International Association of Functional Neurology and Rehabilitation: Researcher of the year, 2012

Student Graduation Speaker Harvard Medical School GCSRT, 2014

Communication

Dr. Frederick Robert Carrick

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