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Current Positions

CEO, FANTAB, Inc. an fMRI neuropsychological testing company.

Chairman, Hubbard Foundation, a charitable foundation supporting research in applied neurophysiology and neurovascular diseases, San Diego, CA.

Director, Applied Functional MRI Institute, LLC, San Diego, CA.

Neurology Director, Multi-center Registry for Testing, Treatment and Outcomes for CCSVI in Multiple Sclerosis, Hubbard Foundation, San Diego, CA.

Research Professor, California School of Professional Psychology, Alliant International University, San Diego, CA.

Founding board member, International Society for Neurovascular Disease

Associate Clinical Professor of Neurology, retired, University of California, San Diego

Adjunct professor of psychology, San Diego State University

Founder, MindSign Neuromarketing, LLC, San Diego, CA.

EDUCATION

CHIEF RESIDENT, NEUROLOGY, Albert Einstein College of Medicine, Bronx, NY, 1980-1981.

RESIDENT, NEUROLOGY, Albert Einstein College of Medicine, Bronx, NY, 1978-1980.

INTERN, MEDICINE, Waterbury Hospital–Yale University, 1977-1978.

M.D., University of Connecticut School of Medicine, 1977.

M.A., COUNSELING PSYCHOLOGY, Stanford University, 1971.

B.A., PHILOSOPHY, Yale University, 1970.

Phillips Exeter Academy, 1963-1966

BOARD CERTIFICATION

DIPLOMATE IN NEUROLOGY, American Board of Neurology and Psychiatry, 1984.

MEDICAL LICENSES

California G50317

New York 141424

ASSOCIATIONS

International Society for Neurovascular Diseases

American Academy of Neurology

HONORS

Scholastic Excellence Award, University of Connecticut School of Medicine, 1977.

“Beyond the Call of Duty” Award, Scripps Memorial Hospital, La Jolla, California, March 1990.

PUBLICATIONS

Hubbard D, Ponc D, Gooding J, Saxon R, Sauder H, Haacke EM. Clinical improvement after extracranial venoplasty in multiple sclerosis. *J Vasc Interv Radiol*, conditional acceptance, 2012.

Haacke EM...Hubbard D et al. Patients with multiple sclerosis with structural venous abnormalities on MR imaging exhibit an abnormal flow distribution of the internal jugular veins. *J Vasc Interv Radiol* 23:60-68, 2012

Feng W et al. Quantitative flow measurements in the internal jugular veins in patients with multiple sclerosis. *Rev. Recent Clin Trials* 7,117-126, 2012.

Oliveira A, Gevirtz G, Hubbard D. A psycho-educational video used in the emergency department provides effective treatment for whiplash injuries. *Spine*, 31,15,1652-1657, 2006.

Landis D, Hubbard D, Cua P, Walker D. Disease management of chronic pain improves employee productivity and lowers healthcare costs. *Health & Productivity Management*, 2,2, May 2003.

Hubbard D. Guidelines for Musculoskeletal and Chronic Pain, Breaking Down the Barriers of Pain. *Practical Pain Management*, Vol. 1-5, Jan-Sept, 2001.

Hubbard D. Persistent muscular pain: Approaches to relieving trigger points. *J. Musculoskeletal Medicine* 15, No. 5, 16-26, May, 1998.

Banks S et al. Effects of autogenic relaxation training on electromyographic activity in active trigger points. *J Musculoskeletal Pain* 6,4,23-32. 1998.

Gerwin R, Shannon S, Hong C, Hubbard D, Gevirtz R. Interrater reliability in myofascial trigger points. *Pain* 69,1-2,65-73, 1997.

Hubbard D. Chronic and recurrent muscle pain: pathophysiology, treatment and review of pharmacologic studies. *J. Musculoskeletal Pain* 4,1/2,123-143, 1996.

Gevirtz R, Hubbard D, Harpin R. Psychophysiological treatment of chronic lower back pain. *Professional Psychology: Research and Practice* 27,6,561-566, 1996.

Hubbard D. Getting Tension. *Biofeedback Newsletter*, 1, 14-16, 1996.

Lewis C, Gevirtz R, Hubbard D, Berkoff G. Needle trigger point and surface frontal EMG measurements of psychophysiological responses in tension-type headache patients. *Biofeedback & Self-Regulation* 19, 3, 274-275, 1994.

McNulty W, Gevirtz R, Berkoff G, Hubbard D. Needle electromyographic evaluation of trigger point response to a psychological stressor, *Psychophysiology*, 31, 313-316, 1994.

Hubbard D, Berkoff B. Myofascial trigger points show spontaneous needle EMG activity. *Spine*, 18, 13, 1803-1807, 1993.

Cady R, et al. Treatment of acute migraine with subcutaneous sumatriptan. *JAMA* 265(21):2831-2835, 1985.

Hubbard D. Adrenocortical responsiveness: lack of correlation to life events, Type A trait or locus of control, *Psychosom Med*, 45, 1, 80, 1983.

Reinitz E, Hubbard D, Grayzel A. Central nervous system systemic lupus erythematosus vs. CNS infection; low CSF glucose and pleocytosis in a patient with a prolonged course, *Arth Rheum*, 125, 5, 583, 1982.

Hannum J, Thoresen C, Hubbard D. A behavioral study of self-esteem with elementary teachers. In Mahoney M, Thoresen C. (eds) *Self-Control: Power to the Person*, Monterey, Brooks/Cole, 1974.

PATENTS

Hubbard, David R.: Systems and methods to determine an objective measure of cognitive impairment using functional magnetic resonance imaging. U.S. Patent Priority Date March 29, 2012.

Hubbard, David R.: Methods to diagnosis and measure vascular drainage insufficiency in the central nervous system. U.S. Patent Priority Date July 23, 2010. International Publication Date January 26, 2012.

Hubbard, David R: Pharmaceutical formulations of sympathetic antagonist for the treatment of chronic muscle pain. Filed February 17, 2006.

Hubbard, David R.: Multi-electrode and needle injection device for the diagnosis and treatment of muscle injury and pain, U.S. Patent No. 6,678,550 B2, Jan 13, 2004.

Hubbard, David R.: Multi-electrode and needle injection device for the diagnosis and treatment of muscle injury and pain, U.S. Patent No. 6,356,783 B1, Mar 12, 2002.

Hubbard, David R.: Multi-electrode and needle injection device for the diagnosis and treatment of muscle injury and pain, U.S. Patent No. 10/017,072, Dec 7, 2001.

Hubbard, David R. and Johnson, Paul. Methods and equipment for treating or preventing muscle pain or injury. Australian Patent No. 731029, July 5, 2001.

Hubbard, David R.: Methods and equipment for treating muscle injury and pain, U.S. Patent No. 6,155,994, Dec. 5, 2000.

Hubbard, David R: Use of sympathetic antagonists for treatment of chronic muscle pain, U.S. Patent No. 6,009,875, Jan. 4, 2000.

Hubbard, David R.: Multi-electrode and needle injection device for the diagnosis and treatment of muscle injury and pain, Int'l Patent No. WO9822021, May 28, 1998.

Hubbard, David R.: Use of sympathetic blockade for treatment of chronic muscle pain, U.S. Patent No. 5,513,661, May 7, 1996.

EXPERIENCE

Medical Director, Musculoskeletal and Chronic Pain, Matria Healthcare, Inc., Atlanta, Georgia, 2006.

Medical Director, Musculoskeletal and Chronic Pain, CorSolutions Medical, Inc. Rosemont, Illinois, 2001-2006.

Consultant to HealthNet, Woodlawn, CA: "Guidelines To Appropriate Chronic Pain Management," 2004.

Consultant to Schering-Berlex: FDA Phase 2 trial, "Phenoxybenzamine intramuscular injection for chronic myofascial pain. MyoLink and Schering-Berlex.

Medical Director, MyoPoint Pain Management Medical Group, San Diego, CA, 1997-2001.

Medical Director, Sharp Pain Rehabilitation Services, Sharp HealthCare, San Diego, CA, 1992-1998.

Associate Clinical Professor, Pain Neurology Residents Clinic, University of California, San Diego, 1983-2000.

Principal investigator, Phase III Clinical trials of sumatriptan, 1989-1993.

Co-Founder and Chairman of the Board, Country Montessori School. Poway, CA. 1987-1994.

FDA Phase III Clinical Trial of nimodipine in Migraine, 1985-1986.

Instructor of Neurology, Departments of Psychiatry and Neurology, Cornell Medical Center, New York Hospital, Westchester Division, 1982-1983.

Instructor of Neurology, Department of Neurology, Albert Einstein College of Medicine, Montefiore Hospital, 1981-1982.

Attending and Supervisor of Biofeedback, Montefiore Headache and Pain Unit, 1978-1983.

Director, Clinical Evoked Potential Laboratory, Department of Neurology, Montefiore Medical Center, Albert Einstein College of Medicine, 1979-1982.

Neurology Consultant, Center for Neuropsychological Services, Montefiore Medical Center, 1981-1982.

Extern, Aphasia Research Unit, D. Frank Benson, M.D., Director, Boston VA Hospital, Boston University School of Medicine, 1976.

Extern, Maida Vale Hospital and Queens Square Hospital, London, 1974.

Extern, Psychophysiology Clinic, Charles Stroebel, Ph.D., M.D., Director, Institute of Living, Hartford, Connecticut, 1975.

Neurochemistry Laboratory, Jack Barchas, M.D., Director, Stanford University School of Medicine, 1974.

Stanford Center for Research and Development in Teaching, 1971-1973.

ALSO

Married to Arlene P. Hubbard, OTR, MA Counseling Psychology; since 1980, children Devin P Hubbard born 1982, and Alexandra W Hubbard, born 1984. Home in Poway, CA since 1987.