

## **Charles E. Levy, M.D.**

Chief, Physical Medicine & Rehabilitation Service, (11.99-present)  
Site Co-Director, Center of Innovation on Disability and Rehabilitation Research (CINDRR) (10.13-present)  
North Florida/South Georgia Veterans Health System, 1601 SW Archer Road, Gainesville Florida, 32608  
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(352) 333-9884, [charles.levy@med.va.gov](mailto:charles.levy@med.va.gov)

Adjunct Associate Professor, Department of Occupational Therapy, College of Public Health and Health Professions, University of Florida

Current Ohio Medical License: 35 065628  
Current Florida Medical License: ME 84063

### **PREVIOUS EMPLOYMENT**

- Associate Director, Rehabilitation Outcomes Research Center 6.10-9.13
- Associate Professor, Department of Orthopaedics and Rehabilitation, University of Florida College of Medicine (4/2001-1/2004)
- Assistant Professor, Department of Physical Medicine and Rehabilitation, The Ohio State University (8/93-10/99)
- Director, Orthotics and Prosthetics Clinic, Department of Physical Medicine and Rehabilitation, The Ohio State University (8/93-10/99)
- Director, Seating and Positioning Clinic, Department of Physical Medicine and Rehabilitation, The Ohio State University (8/93-10/99)
- Director, Stroke and Orthopedic Rehabilitation, Department of Physical Medicine and Rehabilitation, The Ohio State University (8/93-10/99)

### **CLINICAL TRAINING**

Residency: Physical Medicine and Rehabilitation  
Rehabilitation Institute of Chicago  
Northwestern University Medical School, Chicago, Illinois  
7/90 - 6/93

Internship: Preliminary Medicine  
Evanston Hospital, Evanston, Illinois  
7/89 - 6/90

### **EDUCATION**

M.D.: The Ohio State University College of Medicine, Columbus, Ohio  
9/85 - 6/89

Postgraduate: Fulfillment of premedical requirements  
Case Western Reserve University, Cleveland, Ohio  
9/83 - 12/84

B.A.: Case Western Reserve University, Cleveland, Ohio  
9/72 - 6/78

### **WORK EXPERIENCE**

- Instructional Assistant: Cuyahoga Community College, Cleveland, Ohio, 4/79 - 6/83
- Research Consultant: Michael Reese Hospital, Department of Psychiatry, Chicago, Illinois, 6/-8/86
- Performing Arts Medical Staff, Ravinia Festival, Highland Park, Illinois, 1992, 1993
- Approved Designated Myoelectric Specialist, Ohio Bureau of Worker's Compensation, 6/94
- Consultant for Cornerstone Solutions/Synaptec: Interactive Metronome, 1997.
- Consultant to the television show "ER", 2/98 – 2008
- Consultant to Gerson Lehrman Group Healthcare Council 8.2005-present
- Acting Chief of Staff, North Florida/South Georgia Veterans Health Service, 8.10-17.2005
- Allergan Competitive Botulinum Toxin Advisory Board, 2010

### **EDITORIAL APPOINTMENT**

- Editor in Chief, Resident Rehabilitation Review, 6/92 - 6/93
- Manuscript Reviewer, Medical Problems of Performing Artists, 10/92 - present
- Book Reviewer, American Journal of Physical Medicine & Rehabilitation, 7/94 - present
- Manuscript Reviewer, American Journal of Physical Medicine & Rehabilitation, 7/94 - present
- Manuscript Reviewer, Journal of Rehabilitation Research and Development, 10/02 – present
- Manuscript Reviewer, Archives of Physical Medicine & Rehabilitation, 1/98 – present
- Manuscript Reviewer, Archives Journal of NeuroEngineering & Rehabilitation 4/2005- present
- Manuscript Reviewer, Adapted Physical Activity Quarterly
- Abstract Reviewer, American Academy of Physical Medicine & Rehabilitation, 2/98 – present
- Associate Editor for the Stroke Case-of-the-Month, AAPM&R Web Site, 1998-present
- Associate Editor: American Journal of Physical Medicine and Rehabilitation-present
- Advisory Board Member, O and P Edge - present
- Editorial Board Member of The Open Sports Medicine Journal, 2008-present
- Invited external manuscript reviewer: The Lancet, Behavioural Pharmacology
- Editorial Board Member of Rehabilitation Research and Practice 2009-present
- Central Nervous System (CNS) Editorial Board of the AAPM&R's Knowledge NOW initiative 2011-present

**National Center for Complementary and Alternative Medicine (NCCAM), National Institutes of Health**

- Peer Reviewer: ZAT1 HS-15 and -16 Non-pharmacological Management of Pain in Military Personnel Study Sections, 2014

#### **NATIONAL INSTITUTE ON DISABILITY & REHAB RESEARCH**

- Peer Reviewer, *Stroke Rehabilitation* (84.133B), 8/31-9/4, 1998
- Panelist: Stakeholder Forum on Wheeled Mobility: Rehabilitation Engineering Research Center on Technology Transfer University at Buffalo, NIDRR, 1997

#### **Congressionally Directed Medical Research Program**

- 2007 PH-TBI PTSD Treatment and Intervention Studies #2 - Scientist Reviewer

#### **CENTER FOR MEDICAID AND MEDICARE SERVICES**

- Negotiated Rulemaking Committee for Prosthetics and Orthotics, 2003
- Centers for Medicare & Medicaid Services (CMS) Interagency Wheelchair Clinical Work Group, 2004-5

**Testimony Before the US House of Representatives Committee on Veterans Affairs Subcommittee on Health:** The Use and Development of Telemedicine Technologies in Rehabilitation: May 18, 2005. Charles E. Levy, MD

**Testimony Before the US House of Representatives Committee on Veterans Affairs Virtual World Environments and Virtual Humans:** Transforming the content and Delivery of Care for TBI/PTSD: July 21, 2010 Charles E. Levy, MD

#### **AWARDS and HONORS**

- *Department of Physical Medicine Award*, The Ohio State University College of Medicine, 1989
- *Young Investigator Award*, Performing Arts Medicine Association, 1992
- *Sarah Baskin Award for Excellence in Research*, Rehabilitation Institute of Chicago, 1992
- *Research Enrichment Program for Physiatrists Scholarship*, Missouri Arthritis Rehabilitation Research Center/NIDRR, 1992
- *Outstanding Resident Research Award* (co-author), American Osteopathic College of Rehabilitation Medicine, 1992
- *ACRM/AAPM&R Poster Award*, San Francisco, 1992
- *Sarah Baskin Award for Excellence in Research*, Rehabilitation Institute of Chicago, 1993
- *AAEM James G. Golseth Young Investigator Award, Honorable Mention*, 1994
- *AAEM Junior Member Recognition Award*, 1994
- *Interdisciplinary Team Award for Excellence in Patient Education*, The Ohio State University Medical Center, 1994
- *AAP Excellence in Research Writing Award, Honorable Mention*, 1997
- *Teacher of the Year*, Department of Physical Medicine and Rehabilitation, 1997
- *Grand Rounds Poster Selection*, American Academy of Physical Medicine & Rehabilitation 60th Annual Meeting, 10/98
- *Excellence in Community Health Education Award*, The Ohio State University Medical Center, 1998
- *Young Academician Award*, Association of Academic Physiatrists, 1999

- *Site of the Week Award*, 10/99: National Organization of Rare Disorders for “Fibrodysplasia Ossificans Progressiva: Tools for Today, Hope for Tomorrow”
- *Listed in Strathmore’s Who’s Who*, 2001-2 Edition
- *Listed in Best Doctors*, 2001-present
- *Listed in Guide to America’s Top Physicians* 2005
- *Listed in America’s registry of Outstanding Professionals*, 2002-3
- *Listed in Contemporary Who’s Who* 2003-4
- Disabled American Veterans Department of Florida Citation for Achievement ‘02
- Invited Participant: Upper Extremity Translational Research Conference: Gainesville, Florida, 1.6-7.06
- University of Pennsylvania School of Medicine Distinguished Service Award, 2007
- Department of Veterans Affairs Outstanding Rating Certificate, 2008-13
- VHA Systems Redesign Champion Awards: 2<sup>nd</sup> Place Outpatient Category VISN 8 (VA North Florida/South Georgia HCS) Rural Veterans Tele-Rehabilitation Systems Redesign Team. Leader: Charles E. Levy, MD. 2011
- Department of Veterans Affairs Certificate of Appreciation as mentor within the Physical Medicine and Rehabilitation Service Leadership Mentoring Program. 2012

## GRANTS

- Bremer Grant for “Three Dimensional Graphing of the H Reflex”, \$5,000, 1994
- Davis Medical Research Grant for “Growth Hormone Plus Pulmonary Rehabilitation for COPD”, \$16,814.33, 1995
- NIH K12 Rehabilitation Medicine Scientist Development Program Award for “Growth Hormone Plus Pulmonary Rehabilitation for COPD”, \$228,744, 1995 – 2000
- Medical Class of 1941 Endowment for “Growth Hormone Plus Pulmonary Rehabilitation for COPD”, \$7,000, 1995
- Pharmacia Award for “Growth Hormone Plus Pulmonary Rehabilitation for COPD”, \$5,000, 1996
- The Battelle Endowment for Technology and Human Affairs: “Building Bridges to the New Millennium: Special FOP Conference Uniting Science-Technology-Advocacy to Improve Quality of Life for People Diagnosed with Rare Diseases”, \$30,510, 1997
- Co-investigator: NIH/NCMRR: The extremity constraint induced therapy evaluation. Multicenter trial Total Budget: \$6,081,854. Ohio State University Medical Center: \$776,198. 10/1/99-9/30/04
- Co-investigator: Rexall/Sundown. Short-term Evaluation of Glucosamine and Chondroitin Sulfate Supplementation on Osteoarthritis. \$12,500 2/2000-9/2000
- Co-investigator The effect of inspiratory muscle training on mechanical ventilator dependent SCI patients. BSCIRTF. \$39,700
- Co-Investigator Equiprecise Measurement for ICIDH-2 Classification of Activity: An Innovative Solution for Evaluating the Worldwide Incidence and Prevalence of Disability (\$447,491) : - National Institute on Disability and Rehabilitation Research – June 1999 – May 2002

- Principal Investigator: Use of Power Assisted Mobility by Elders with Mobility Limitations: Research Project within Rehabilitation Engineering Center on Aging; Funded by National Institute on Disability and Rehabilitation Research @ \$2,500,000. 9/1/96-8/31/01 (H133E60006)
- Principle Investigator: N3042C “Effect of BTX-A Plus Evidence-Based Behavioral Therapy on Motor Recovery” VA Rehabilitation and Research Development Service. \$ 149,926. 7/1/02-6/30/04
- Principle Investigator: The Effect of Botulinum Toxin Treatment on Upper Limb Spasticity in Preparing Stroke Survivors for Constraint-Induced Movement Therapy: A Pilot Study: Allergan: \$5000
- Project Director: Low ADL Patient Technology in Home Care Demonstration. Funded by U. S. Department of Veterans Affairs, \$700,000 7/01/02-6/30/04.
- Principal Investigator: 1 R21 HDO46540-01A1 "The Impact of Power Assist Wheelchair on QOL": NIH/National Institute of Child Health and Human Development. \$331,068. 4/1/05-3/31/07
- Investigator: IIR 04-173-3 Hip Fracture Repair and outcomes: A National Cohort Study of Veterans VA HSR&D; \$429,446 1.2007-1.2009
- Principal Investigator: Arts In Medicine for Africa: Performing Artists Exchange Program: 07-2055 State of Florida, Department of State, Artists Enhancement Grant \$1000 12.06-12.07
- Co-PI. Aim for Africa. The “Akonting Banjo Collaborative”, Florida Division of Cultural Affairs, International Cultural Exchange Grant \$14,069. 7.07-6.08
- Co-PI Telerehabilitation for OIF/OEF returnees with combat related Traumatic Brain Injury. CDMRP/DoD. 6.08-5.11 \$920,000.
- Principal Investigator: W81XWH-08-2-0194 PT073664 Design of Effective Therapeutic Interventions for Mild TBI/PTSD using Interactive Virtual World Environments. CDMRP/DoD 9.15-08-10.14.09 \$142, 189
- Principal Investigator: Rural Veterans Telerehabilitation Initiative: VA Office of Rural Health 9.09-10.10: \$2,136,030
- Principal Investigator: Rural Veterans Telerehabilitation Initiative: VA Office of Rural Health 10.10- 9.11: \$230,583
- Co-I Mechanisms of Central and Peripheral Sensitization in Headache and TBI: Rehabilitation Outcomes Research Center 2010-2011: \$41,345. Andrew Ahn, PI.
- PI: Development of Virtual Humans For PTSD and mTBI: Rehabilitation Outcomes Research Center 2010-2011: \$43,527
- Co-I: Efficacy of a Driving Intervention Program on Safe Community Mobility for Returning Combat Veterans, Florida Trauma Rehabilitation Center for Returning Military Personnel. PI: Classen, S Funded by Dept of Defense, U.S. Army Medical Research and Materiel Command, Telemedicine and Advanced Technology Research Center, \$125,030, 9/1/2011-2/28/2013.
- Co-I. Dissociating Functional Brain Activity in Blast-Related Traumatic Brain Injury and Post-Traumatic Stress Disorder: Florida Trauma Rehabilitation Center for Returning Military Personnel. PI: Perlstein, W. Funded by Dept of Defense, U.S. Army Medical Research and Materiel Command, Telemedicine and Advanced Technology Research Center, \$125,740, 9/1/2011-2/28/2013

- Co-I. Assessment of Dysphagia and Dystussia in Traumatic Brain Injury (TBI), Florida Trauma Rehabilitation Center for Returning Military Personnel: PI. Sapienza, C. Funded by Dept of Defense, U.S. Army Medical Research and Materiel Command, Telemedicine and Advanced Technology Research Center, \$123,690, 9/1/2011-2/28/2013
- Principal Investigator: 1I01RX000339-01A3. Virtual Environments for Therapeutic Solutions (VETS) mTBI/PTSD Phase II. VA RR&D. \$824,835. 4.1.13-3.30.16
- Principal Investigator: XO8-FY12Q1-POOO58. The Rural Veterans Telerehabilitation Initiative Phase III VA Office of Rural Health. \$746,324. 10.1.12-9.30.13
- Co-investigator and Site Director: (Mann, PI) 1 I50 HX001233-01 Project Title: Center of Innovation on Disability and Rehabilitation Research (CIDRR): VA HSR&D/VA RR&D: 10.1.13-9.30.18, \$5,000,000
- Project Director: X08-FY12Q1-S5-P00058. Rural Veteran's TeleRehabilitation Initiative Expansion, Proliferation and Dissemination Project. VA Office of Rural Health, \$364,000 10.1.13-9.30.14
- Project Director; Rural Veteran's TeleRehabilitation Initiative Expansion, Proliferation and Dissemination Project : Respiration, Eating and Swallowing Program (RVTRI-RESP). \$305,056. 10.1.13-9.30.14
- Mentor: "Effect of Neurocognitive Performance and Concussion Injury on Neck Neuromuscular Performance: Implications for Injury Risk" NIH Grant #5K12HD001097-17 PI, Daniel Herman Dates: 1/1/14 - 12/31/16. \$316,953
- Co-investigator: (Yarrow, PI) Higher-Than-Replacement Testosterone Plus Finasteride Treatment After SCI. VA RR& D, 1I01RX001449-01A1 \$1,100,000 Funding approved, start date pending.
- Project Director: Rural Veterans TeleRehabilitation Initiative: Creative Arts Therapy Project. VA Office of Rural health N08-FY14Q3-S0-P01219. \$105,313 6.1.14-9.30.14
- Project Co-Director: (Lisa Ottomanelli, Project Director) Rural Veterans Supported Employment Telerehabilitation Initiative. VA Office of Rural Health: N08-FY14Q3-S0-P01222. \$34,740, 6.1.14-9.30.14
- Tele-OT/PT for Provision of DME to Rural Veterans. Project Director: Helen Hoenig. C. Levy consultant, #N06-FY13Q1-S2-P00442 \$353,457 9 10.31.13-9.30.14
- Internet and Telephone Support Intervention for Stroke Caregivers. VA Rehabilitation, Research & Development. D1395-P. \$198,750. April 1, 2014- March 30, 2016. C. R. Uphold, Principal Investigator. C. Levy (Co-I)
- Utilizing the RESCUE Stroke Caregiver Website to Enhance Discharge Planning. VA Health Services Research & Development. August 1, 2014- July 31, 2018. IIR-343-2. \$1,099,209. C. R. Uphold, Principal Investigator. C. Levy (Co-I)
- Eyes Behind the Video Camera: Partnering with Families for Home Safety. VA RR&D #1I21RX001431-01 Romero S, (PI), Levy CE (Co-I) 2.1.14-1.31.16
- CE Levy, Project Director. Sustainment: Rural Veteran's TeleRehabilitation Initiative Expansion, Proliferation and Dissemination Project: Respiration, Eating, and Swallowing Program (RVTRI-RESP) Rural Veteran's TeleRehabilitation Initiative Expansion, Proliferation and Dissemination Project:

- Respiration, Eating, and Swallowing Program (RVTRI-RESP): VA Office of Rural Health. N08-FY14Q1-S2-P01149. \$296,113, 10.1.14-9.31.15
- CE Levy, Project Director. Sustainment: Rural Veteran’s TeleRehabilitation Initiative Expansion, Proliferation and Dissemination Project: VA Office of Rural Health. N08-FY14Q2-S1-P00058 \$559,000 10.1.14-9.31.15
  - CE Levy, Project Director. Rural Veterans TeleRehabilitation Initiative Creative Arts Therapy: N08-FY14Q3-S1-P01219. \$150,743. 10.1.14-9.31.15
  - CE Levy Project Co-Director. Rural Veterans Supported Employment TeleRehabilitation Initiative. N08-FY14Q3-S1-P01222. \$354,275. 10.1.14-9.31.15
  - Effectiveness of a Driving Intervention on Safe Community Mobility for Returning Combat Veterans JW140063\_Winter. Department of Defense (DOD): 4/2015 to 3/2019. \$1,844,451 Sandra Winter, PI. CE Levy. Co-investigator.
  - Breast Cancer Rehabilitation Initiative, VISN 8 Transformational Innovation Grant FY 15. \$50,000 10.1.14-9.30.15

## **LICENSURE**

Licensed Physician, State of Ohio 35-06-5628-L  
 Licensed Physician, State of Florida: ME 84063  
 NBME Certified  
 ABPM&R License # 4485 (Exp 6/2024)

## **PROFESSIONAL SOCIETIES**

American Academy of Physical Medicine and Rehabilitation  
 Association of Academic Physiatrists  
 American Congress of Rehabilitation Medicine Member ID #: 056690

## **PROFESSIONAL ORGANIZATIONAL RESPONSIBILITIES**

- AAPM&R Bylaws Committee Member, 2003-8
- AAPM&R Study Guide Subcommittee Faculty: Limb Deficiency Rehabilitation, 1999-01
- AAP Research Committee Member, 1999 - present
- Associate Recertification Examination Item Writer, American Board of Physical Medicine and Rehabilitation, 1995
- Vice Chair, Prosthetics, Orthotics, Wheelchairs, and Human Biomechanics Special Interest Group, AAPM&R, 1998 – 99
- Chair, Prosthetics, Orthotics, Wheelchairs, and Human Biomechanics Special Interest Group, AAPM&R, 2000-2003
- Educational Program Chair, Prosthetics, Orthotics, Wheelchairs, and Human Biomechanics Special Interest Group, AAPM&R, 97 - 98
- Medical Expert, Stroke/Neurologic Rehabilitation, Amputations/Prosthetics, American Academy of Physical Medicine & Rehabilitation, 1998-to present
- Professional Advisory Committee, National Multiple Sclerosis Society, Mid-Ohio Chapter
- Board Member, Rehabilitation Advisor, Transverse Myelitis Association
- Board Member, Rehabilitation Advisor, Fore Hope Golf
- Advisory Board Member, O and P Online

- Advisory Board Member, Spinlife.COM
- Charter Member of the Advisory Board for the College of Orthotics and Prosthetics at St. Petersburg College
- Advisory Board Member, Rehabilitation Outcomes Research Center, 2007-10
- Chair of the Advisory Board: Center for Arts in Healthcare Research and Education, University of Florida 2008-present
- American Congress of Rehabilitation Medicine: Military/VA Networking Group 2013

## **VETERANS HEALTH SERVICE COMMITTEES**

### National:

- Mentor: Physical Medicine and Rehabilitation Service Leadership Program:2011-present
- PM&RS Field Advisory Board Member, 2010-11
- VISN PM&R POC Liaison, 2010-present
- Chair, National PMRS POC, 2010-present
- PM&R Physician's Advisory Council, 2009-present
- VA RR&D Merit Review - TBI Panel, Arlington VA, 2010
- VA RR&D Merit Review - TBI Panel, Arlington VA, 2009
- VA RR&D Merit Review - TBI Panel, Washington DC, 2008
- National Joint Prosthetic & Rehabilitation Services Conference Planning Committee and Faculty, 2004

### **Panel Member:**

- Prosthetic Clinical Management Workgroup on Powered Wheelchairs, 2002-3
- Prosthetic Clinical Management Workgroup on Scooters, 2002-3
- Prosthetic Clinical Management Workgroup on Manual Wheelchairs, 2002-3
- Prosthetic Clinical Management Workgroup on TENS units 2001-Present
- Rehabilitation Bed Model Working Group, 2005
- National Assistive Technology Workgroup 2006

### **Chair:**

- Prosthetic Clinical Management Workgroup on Power and Manual Wheelchairs, 2003-6

### VISN

- Co-Chair: Polytrauma Support Team 2006-present
- VISN PM&R Lead

### North Florida/South Georgia Veterans Health Service

- Rehabilitation Research Outcomes Center Advisory Board Member 2007-present
- Medical Executive Committee
- Professional Council
- Deans Committee
- Seamless Transition Team Executive Council

## **CENTER FOR MEDICAID AND MEDICARE SERVICES**



- Negotiated Rulemaking Committee for Prosthetics and Orthotics, 2003
- Centers for Medicare & Medicaid Services (CMS) Interagency Wheelchair Clinical Work Group, 2004-5

**Testimony Before the US House of Representatives Committee on Veterans Affairs Subcommittee on Health:** The Use and Development of Telemedicine Technologies in Rehabilitation: May 18, 2005. Charles E. Levy, MD

**Testimony Before the US House of Representatives Committee on Veterans Affairs Virtual World Environments and Virtual Humans:** Transforming the content and Delivery of Care for TBI/PTSD: July 21, 2010 Charles E. Levy, MD

### **CONFERENCE ORGANIZER**

Fibrodysplasia Ossificans Progressiva: Tools for Today, Hope for Tomorrow, Trailblazing for Those with Disabling Rare Diseases: A Multidisciplinary Conference Uniting Medicine, Technology, and Rehabilitation, Columbus, Ohio, May 1998

**American Academy of Physical Medicine and Rehabilitation: Course Director/Presenter**  
Workshop # 143: Advances in Wheelchair Technology: Pushrim Activated Power-Assist Wheelchairs. AAPM&R 64<sup>th</sup> Annual Meeting, Chicago IL, October 2003

### **University of Florida Faculty Appointments**

Graduate Faculty, The Department of Physical Therapy, 2001-present

### **Graduate Level Students:**

Santos V, Masters Candidate, Department of Physical Therapy, UF  
Wetterhahn KA, Masters Candidate, Department of Occupational Therapy, UF  
Malcom, Matthew, PhD Candidate, Department of Physical Therapy, UF  
Roxanna Bendixen, PhD Candidate, Department of Occupational Therapy, UF  
Michael Stancil, Masters Candidate, Dept of Applied Physiology and Kinesiology, UF  
Chris Sozda, PhD Candidate, Department of Clinical and Health Psychology, UF  
Kristen Moffat, PhD Candidate, Department of Clinical and Health Psychology, UF  
Shivashankar Halan, PhD Candidate, Department of Computer and Information Sciences and Engineering, UF

### **University of Florida Committees:**

Pepper Center OAIC pilot/development project grants reviewer 6.10  
Data Safety Committee Member for "A Randomized, Double Blind, Placebo-Controlled Within Dose Escalation Preliminary Study To Determine The Safety And Efficacy of D-cycloserine In Patients With Impaired Cognitive Functions Following Closed Head Injury". Principal Investigator: Basim M. Uthman, M.D. The Center for Traumatic Brain Injury Studies, from the Evelyn F. and William T. McKnight Brain Institute

### **PUBLICATIONS**

#### **Peer Reviewed Journals**

- Levy CE.  
Emotion in perception. Case Institute of Technology Engineering and Science Review 17(4-7), 1977.
- Levy CE, Lee WA, Brandfonbrener AG, Press J, Levy AE.  
Electromyographic analysis of muscular activity in the upper extremity generated by supporting a violin with and without a shoulder rest. Medical Problems of Performing Artists 7(4):103-109, 1992.
- Aptaker R, Roth E, Reichardt G, Duerden M, Levy CE.  
Serum albumin level as an indicator of geriatric stroke rehabilitation outcome. Arch Phys Med Rehabil 75:80-84, 1994.
- Levy CE, Nishida T, Barkov G, Speckman P, Johnson JC.  
Three dimensional graphing of the H reflex. Am J Phys Med Rehabil 75:188-193, 1996.
- Bertram MF, Nishida T, Janssen I, Minieka M, Levy C.  
Effects of temperature on motor unit action potentials during isometric contraction. Muscle and Nerve 18(12):1443-1446, 1995.
- Levy CE, Lorch F.  
Recovery of upper limb motor function after treatment of reflex sympathetic dystrophy with stellate ganglion blocks in a patient with C<sub>6</sub> tetraplegia Am J Phys Med Rehabil 75:479-482, 1996.
- Fugate LP, Spacek LA, Kresty LA, Levy CE, Johnson JC, Mysiw WJ.  
Definition of agitation following traumatic brain injury: I. A survey of the Brain Injury Special Interest Group of the American Academy of Physical Medicine and Rehabilitation, Arch Phys Med Rehabil 78:917-923, 1997.
- Fugate LP, Spacek LA, Kresty LA, Levy CE, Johnson JC, Mysiw WJ.  
Measurement and treatment of agitation following traumatic brain injury: II. A survey of the Brain Injury Special Interest Group of the American Academy of Physical Medicine and Rehabilitation. Arch Phys Med Rehabil 78:924-928, 1997.
- Nishida T, Levy CE, Lewit EJ, Janssen I.  
Tibial H reflex: Comparison of three recording methods Am J Phys Med Rehabil, 78: 474-76, 1999
- Levy CE, Berner TF, Sandhu PS, McCarty B, Denniston MA.  
Mobility challenges and solutions for fibrodysplasia ossificans progressiva. Archives of Physical Medicine and Rehabilitation Arch Phys Med Rehabil 80:1349-1353, 1999
- Levy CE, Lash AT, Janoff HB, Kaplan FS.

Conductive hearing loss in individuals with fibrodysplasia ossificans progressiva. *American Journal of Audiology*, 8:29-33, 1999

Levy CE, Lash AT, Iverson MA, Dixon RS.

Using the internet to enable access to medical conferences. *Am J Phys Med Rehabil*, 2000;79:509-12

Levy CE, Nichols DS, Schmalbrock PM, Keller P, Chakeres DW.

Functional MRI evidence of cortical reorganization in upper limb stroke hemiplegia treated with constraint induced movement therapy. *Am J Phys Med Rehabil* 2001;80. 4-12

Webster JB, Levy CE, Bryant PR, Prusakowski PE. Sports and recreation for individuals with limb deficiency. *Arch Phys Med Rehabil*. 2001;82 Suppl 1:S38-44

Huang ME, Levy CE. Rehabilitation in Limb Deficiency. 3. Prosthetic Components, Prescriptions, and Indications. *Arch Phys Med Rehabil*, 2001;82 Suppl:S17-24

Levy CE, Bryant PR, Spires MC, Duffy DA,. Rehabilitation in Limb Deficiency. 4. Troubleshooting. *Arch Phys Med Rehabil*, 2001;82 Suppl 1:S25-30

Bonninger ML, Chan L, Harvey R, Pine ZM, Helkowski W, Garrison CJ , Tran T, Levin H, Levy CE. Resident research education in physical medicine and rehabilitation: a practical approach. *Am J Phys Med Rehabil* 2001;80:706-712

The Transverse Myelitis Consortium Working Group: Proposed diagnostic criteria and nosology of acute transverse myelitis. *Neurology* 2002. *Neurology* 2002; 59(4): 499-505.

Levy CE, Chow JW, Tillman MD, Hanson C, Donohue T, Mann WC: Variable Ratio Power Assist Wheelchair Eases Wheeling Over a Variety of Terrains for Elders. *Arch Phys Med Rehabil*: *Arch Phys Med Rehabil* 2004; 85:104-12

Wagner AK, Bonninger ML, Levy CE, Chan L, Gator D, Kirby RL: Peer review: Issues in Physical Medicine and Rehabilitation. *Am J Phys Med Rehabil*, 2003;790-802

Levy CE, Chow JW. Pushrim activated power assist wheelchairs. Elegance in motion. *Am J Phys Med Rehabil*. *Am J Phys Med Rehabil* 2004;83:166-7.

Levy CE, Berner TF, Bendixen R. Rehabilitation for Individuals with Fibrodysplasia Ossificans Progressiva. *Clinical Reviews in Bone and Mineral Metabolism* 2005;3: 251-6

Brunt D, Santos V, Kim HD, Light K, Levy C. Initiation of movement from quiet stance: comparison of gait and stepping in elderly subjects of different levels of functional ability. *Gait and Posture* 2005; 21(3) 297-302

Bendixen RM, Horn K, Levy CE: Using telerehabilitation to support elders with chronic

- illnesses in their homes. *Topics in Geriatric Rehabilitation* 2007;23:47-51
- Barrett AM, Levy CE, Gonzalez Rothi LJG. Treatment innovation in rehabilitation of cognitive and motor deficits after stroke and brain injury: physiological adjunctive treatments. *Am J Phys Med Rehabil* 2007;86: 423-25
- Barrett AM, Levy CE, Gonzalez Rothi LJG. Poststroke and brain injury rehabilitation: Spatial Neglect *Am J Phys Med Rehabil* 2007;86: 513-4
- Barrett AM, Levy CE, Gonzalez Rothi LJG. Pharmaceuticals for poststroke and brain injury rehabilitation.. *Am J Phys Med Rehabil* 2007;86: 603-4
- Barrett AM, Levy CE, Gonzalez Rothi Poststroke and Brain Injury Rehabilitation: Treatment Strategies: *Am J Phys Med Rehabil* 2007;86: 694-5
- Levy CE, Giuffrida C, Richards L, Wu S, Davis S, Nadeau SE. Botulinum Toxin A, Evidence-Based Exercise Therapy, and Constraint-Induced Movement Therapy for Upper Limb Hemiparesis Attributable to Stroke. *Am J Phys Med Rehabil* 2007;86: 696-706
- Hoenig H, Giacobbi P, Levy CE. Methodological challenges confronting researchers of wheeled mobility aids and other assistive technologies. *Disability & Rehabilitation* 2007; 2:159-168.
- The International Clinical Consortium on FOP, (*Levy CE*, contributing member). The Medical Management of Fibrodysplasia Ossificans Progressiva: Current Treatment Considerations. **Clin Proc Intl Clin Consort FOP** 3 (1):1-82, 2008.
- Bendixen RM, Levy CE, Lutz BJ, Horn KR, Chronister K, Mann WC. A telerehabilitation model for victims of polytrauma. *Rehabilitation Nursing* 2008;33: 215-220
- Classen, S, Levy CE, McCarthy D, Mann WC, Lansford D, Waid-Ebbs J,. Traumatic Brain Injury (TBI) and Driving Assessment: An evidenced Based Literature Review. *American Journal of Occupational Therapy*. 2009 63:580-91.
- Bendixen RM, Levy CE, Olive ES, Kobb RF, Mann WC. Cost Effectiveness of a telerehabilitation program to support chronically ill and disabled elders in their homes. *Telemedicine and e-health* 2009: 15:31-38
- Giacobbi PR Jr, Levy CE, Dietrich FD, Winkler SH, Tillman MD, Chow JW. Wheelchair Users' Perceptions of and experiences with power assist wheels. *Am J Phys Med. Rehabil* 2010 89. 225-34

- Levy CE., Buman M P, Chow J W, Tillman M, Fournier K, Giacobbi, PR Jr. Use of power-assist wheels results in increased distance travelled compared to conventional manual wheeling. *Am J Phys Med. Rehabil* 2010 89. 625-34
- Mikula J, Smith P, Meuleman J, Levy CE. Effects of a Recreation Therapy Aquatic Intervention: A Case Study on an Older Adult with Uncontrolled Orthostatic Hypotension. *American Journal of Recreation Therapy* 2010 Summer; 9 (3): 13-16
- Chow J, Levy CE Wheelchair propulsion biomechanics and wheelers' quality of life: an exploratory review, *Disability and Rehabilitation. Assistive Technology* 01-JAN-2011; 6(5): 365-77
- Fitzgerald DB; Gullett JM; Levy CE; Crosson BA. Delayed diagnosis of intracerebral foreign body from the Vietnam War. *Mil Med* - 01-FEB-2011; 176(2): 228-31
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- Fitzgerald D, Levy CE  
Delayed Diagnosis of severe traumatic brain injury. *Am J Phys Med. Rehabil*. Accepted
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## Letters to the Editor

Levy CE, Clinchot DM, Bowyer BL, Pease WS.

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Levy CE, Krietemeyer L.

Physiatry and care of patients with neurofibromatosis. JAMA 278:1493-1494, 1997.

Levy CE.

Clinical crossroads: A 29-year-old man with multiple sclerosis. JAMA 281:985-986, 1999.

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## Book Chapters

Levy CE, Neides D.

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Compression fractures. The Residents Guide to Ambulatory Care, Weinstock MW, Neides D, editors, Anadem, Columbus, Ohio, 1995.

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Levy CE.

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Levy CE, Waite S, Davis, AJ  
Spinal orthoses. *Physical Medicine and Rehabilitation: The Complete Approach*, Grabois M, editor, Blackwell Science, Inc., CD Supplement, 2000

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Frontiers and Fundamentals in Neurorehabilitation. *Physical Medicine & Rehabilitation Secrets*, O'Young B, Young MA, Stiens SA, editors, Hanley & Belfus, Inc., Philadelphia, Pennsylvania, 508-516, 2007

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## Abstracts

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- Levy CE, Cowper-Ripley D, Hoffman P, Huanguang Jia, Mann W, Omura D. Rural Veterans Telerehabilitation Initiative: Interim Progress Report: PM&R, 2011 Vol. 3 Iss 10S1, S261
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Anterior cervical magnetic stimulation of the phrenic nerves results in unreliable airway opening twitch pressures. *American Journal of Respiratory and Critical Care Medicine* 155(4):A516, 1997.
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Definition and pharmacologic intervention for agitation following traumatic brain injury. *Archives of Physical Medicine and Rehabilitation* 75(9):1036, 1994.

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Unprecedented recovery from herpes encephalitis via early administration of acyclovir, methylphenidate, and behavior modifications: Two year follow up of an extraordinary patient. *Archives of Physical Medicine and Rehabilitation* 75(9):1051, 1994.
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Three dimensional graphing of the H reflex. *Muscle and Nerve* 17(9):1101-1102, 1994.
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### **Presentations by Invitation**

- Levy CE:  
Knowledge Now: Update on Mild TBI. American Academy of Physical Medicine and Rehabilitation. Atlanta, Ga 11.12
- Levy CE  
Telerehabilitation for Combat Veterans: The Low ADL Monitoring Program, The Rural Veterans TeleRehabilitation Initiative, and Virtual Environments for Therapeutic Solutions: Project Courage Medical Symposium - Post Traumatic Stress Disorder (PTSD) and Traumatic Brain Injury (TBI): 2012 Updates, Gainesville, Florida 10.12
- Levy CE, Omura D

Rural Veterans TeleRehabilitation Initiative (RVTRI) Phases I &II  
VISN 8 Improvement Forum,  
Tampa, FL. 6.11

Levy CE:

Low ADL Monitoring Program and the Rural Veterans TeleRehabilitation  
Initiative: White River Junction Office of Rural Health. White River Junction,  
Vermont. 5.11

Levy CE, Omura D

The RVTRI: Preliminary Report.  
VISN 8 PSAS/PMRS Meeting  
Tampa, Florida 2.11

Levy CE, Omura D

The Rural Veterans TeleRehabilitation Initiative  
The Office of Rural Health National VRC Meeting,  
Tampa, Florida 2.11

Levy CE

*A review of military mild traumatic brain injury.* Neurology Update 2010. New  
Developments and emerging therapies. Presented by the Tallahassee Memorial  
Neuroscience Center. Tallahassee, Florida 11.10

Levy CE, Giacobbi P

Power assist wheels users' perceptions and effects on distance travelled. Rare  
neuroimmunologic disorders syndrome. Sponsored by the UT Southwestern  
Medical Center Department of Neurology. Dallas, Texas 9.10

Levy CE, Omura D

Rehabilitation Medicine: The role of physical therapy in managing the shoulder,  
neck, and low back region. Primary Care Pain Management and Evaluation  
Meeting. Gainesville, Florida 9.10

Levy CE

Home telehealth, home videoconferencing and Virtual World Environments: new  
models of care for TBI. Association of Academic Physiatrists Annual Meeting,  
Bonita Springs, FL. 4/10

Levy CE, Oliverio J, Sonke J, Hundersmarck T, Demory J, Tassin C, Sinclair A, Scott-  
Okafor H, Omura D

Virtual Environments for Cognitive and Affective Dysfunction in Mild Traumatic  
Brain Injury and Post-Traumatic Stress Disorder: Development of a 21<sup>st</sup> Century  
Treatment Platform. Military Health Research Forum (MHRF) Kansas City,  
Missouri, 9.09

- Levy CE, Omura D  
 A System of Care for Mild Traumatic Brain Injury: From Battlefield to VA: Polytrauma Continuum of care. Sponsored by NF/SG Veterans Health -Employee Education System and Co-sponsored by the University of Florida Departments of Physical Therapy and Occupational Therapy
- Levy CE  
 Walking and Wheeled Mobility. California TM Symposium, Anaheim, CA, 2.08
- Levy CE  
 Driving Innovation in Neurorehabilitation: Association of Academic Physiatrists Annual Meeting, Anaheim, CA. 2/08
- Levy CE  
 Transverse Myelitis and the Neuroinflammatory Diseases: *Department of Veterans Affairs, Spinal Cord Injury Conference: Emerging and Best Health Care Practices.* Gainesville, Florida 10.07
- Levy CE,  
 Review of Physical Medicine and Rehabilitation, and Introduction to Wheeled Mobility. Geriatrics conference. North Florida/South Georgia Veterans Health System. Gainesville, Florida 10.07
- Levy CE  
 The Effect of BTX-A Plus Evidence-Based Behavioral Therapy on Motor Recovery: Preliminary Report. Annual Meeting of the Association of Academic Physiatrists, San Juan Puerto Rico, 2007
- Levy CE  
 Seating and Positioning for Fibrodysplasia Ossificans Progressiva. *The 4<sup>th</sup> International Symposium on Fibrodysplasia Ossificans Progressiva.* Orlando, Florida, 8.07
- Levy CE  
 The Impact of Power Assist Wheelchairs on QOL: Methodology and Preliminary Results. 2006 Mobility RERC State of the Science Conference: *Measuring the Health, Activity, and Participation of Wheelchair Users.* Sponsored by Georgia Tech; Atlanta, GA, 9. 2006
- Levy CE, deLateur, B  
 Workshop session with the Physical Medicine and Rehabilitation Team on Orthoses and Prostheses. Second International Rare Neuroimmunologic Disorders Symposium; Sponsored by Johns Hopkins, 6.06
- Levy CE,

The Impact of Power Assist Wheelchairs on Quality of Life. An Update and Progress Report. Second International Rare Neuroimmunologic Disorders Symposium; Sponsored by Johns Hopkins, 6.06  
Levy CE

Levy CE

“Surveys, Odometers, & Global Positioning Devices: Challenges and Solution to Measuring Physical Activity and Participation in Full-time Wheelchair Users”. Exercise and Recreational Technologies for People with Disabilities: A Rehabilitation Engineering Research Center State of the Science Conference, Sponsored by the University of Illinois, Denver, Colorado, 5.06

Levy CE.

Plenary Session: OCC stepping up to the plate. Veterans Health Administration Care Coordination and Leadership Forum. Salt Lake City, Utah 4.2005

Levy CE

Implementing Strategies for success. Veterans Health Administration Care Coordination and Leadership Forum. Salt Lake City, Utah 4.2005

Levy CE

Plenary Session: Strategic Planning Group Presentations. Veterans Health Administration Care Coordination and Leadership Forum. Salt Lake City, Utah 4.2005

Levy CE

The Low ADL Monitoring Program: A Telerehab Model of Care Coordination VISN 23 Care Coordination Conference, Minneapolis, Minnesota 4.2005

Levy CE

An update on Power-Assist Wheelchairs. .North Central Florida Occupational Therapy Forum. Gainesville Fl. 11.04

Levy CE

Botulinum toxin, evidence-based behavioral therapy, and constraint-induced movement therapy. Preliminary report. .North Central Florida Occupational Therapy Forum. Gainesville Fl. 11.04

Pennypacker L, Levy C, Smith R, Machuca S:

Tackling Those Difficult Cases: An Interdisciplinary Perspective  
Comfort, Care,& Compassion. End-of-Life and Palliative Care for the Elderly in the 21<sup>st</sup> Century. Jacksonville, FL 9/04

Levy CE

A Clinical Approach to Amputee Limb Pain  
National Joint Prosthetic & Rehabilitation Services Conference (Faculty),

Chicago, IL 5/04

Levy CE

The Case and State of the Art for Manual-Assist Wheelchairs  
The 40<sup>th</sup> Annual Meeting of the Japanese Association of Rehabilitation Medicine,  
Saporro, Japan, 6/03

Levy CE, Kerr D, Pidcock F, Barnes G, Siegel S.

Questions and Answers: Parents and Experts Roundtable: First International  
Transverse Myelitis Children and Family Workshop. Columbus, Ohio. 7/02

Levy, CE

Body-Weight Suspended Treadmill Training and Transverse Myelitis: First  
International Transverse Myelitis Children and Family Workshop. Columbus,  
Ohio. 7/02

Levy, CE

Emerging Therapies for Spinal Cord Injury: Body Weight Suspended Treadmill  
Training, Fetal Cell Transplant, Power Assist Wheelchairs, Inspiratory Muscle  
Strength Training, and Massage . 2nd International Transverse Myelitis  
Symposium: Johns-Hopkins University School of Medicine, Baltimore Maryland.  
07/01

Levy, CE

New Paradigms in Stroke Rehabilitation: Neuroplasticity vs Compensatory  
Therapy. Stroke Rehabilitation: Update of State of the Art Management. North  
Florida/South Georgia Veterans Health System Geriatric Research and Education  
Clinical Center/University of Florida: 05/01

Levy CE

Functional Imaging, Neuroplasticity, and Practice Implications of CIMT. Annual  
Multidisciplinary Stroke Course: Promoting Patient Progress Through  
Knowledge, Innovation, & Technology. Rehabilitation Institute of Chicago, 4/01

Levy CE

Neurological Recovery Across a Broad Array of Deficits: CIMT and New Models  
of Recovery and Deficit Relief Interventions. Shands Rehabilitation Hospital  
National Conference: How Research is Changing Rehabilitation in the 21<sup>st</sup>  
Century. 4/01

Kraft GH, Whyte J, Levy CE.

Editing, Writing, and Presenting Research: 37<sup>th</sup> Annual Educational Conference of  
The Academy of Academic Physiatrists, 3/01

Levy CE, Chan L, Kraft G.

Overcoming Obstacles-Overcoming logistics, administrative and resource obstacles to completing their own research: : 37<sup>th</sup> Annual Educational Conference of The Academy of Academic Physiatrists, 3/01

Levy CE

A Critical Review of CIMT for Stroke Hemiplegia: The Florida Society of Neurology and the Center for Neuropsychological Studies, 12/00

Levy CE

Amputee Pain: Florida Chapter of the American Academy of Orthotists and Prosthetists Annual Meeting, 10/2000

Levy CE.

Constraint-induced movement therapy, amphetamine, and donepezil for chronic stroke upper limb hemiplegia: An fMRI pilot study. Association of Academic Physiatrists Annual Meeting, 3/99.

Levy CE.

Pain management and spinal cord injury/dysfunction. The First International Symposium of the Transverse Myelitis Association, Seattle, Washington, 8/99.

Levy CE.

Transverse myelitis: A physiatric perspective. The First International Symposium of the Transverse Myelitis Association, Seattle, Washington, 8/99.

Levy CE.

fMRI confirmation of plasticity in constraint induced movement therapy: Implications for rehabilitation medicine. The Department of Physical Medicine and Rehabilitation, University of Michigan Medical Center, 5/99.

Levy CE.

Constraint-induced movement therapy, fMRI, and the future of rehabilitation medicine. Grand Rounds, The Department of Physical Medicine and Rehabilitation, Medical College of Wisconsin, 3/99;

Levy CE.

Constraint-induced movement therapy for chronic stroke upper limb hemiplegia: An fMRI pilot study. Association of Academic Physiatrists Annual Meeting, 2/99.

Levy CE.

Wheelchairs, wheeled mobility, and seating and positioning for FOP. Gateways to Independent Living & Community. NE Regional Meeting for Adults with FOP, International Fibrodysplasia Ossificans Progressiva Association, 8/98.

Levy CE.

Applications of the gait laboratory for individuals with FOP. Gateways to Independent Living & Community. NE Regional Meeting for Adults with FOP, International Fibrodysplasia Ossificans Progressiva Association, 8/98.

Levy CE.

Shoes for individuals with FOP. Gateways to Independent Living & Community. NE Regional Meeting for Adults with FOP, International Fibrodysplasia Ossificans Progressiva Association, 8/98.

Levy CE.

Wheelchair prescription and update. Kessler Institute for Rehabilitation, West Orange, New Jersey, 8/98.

Boninger ML, Cooper RA, Levy CE.

Advances in wheelchair design and their relation to prevention of arm pain for individuals with spinal cord injuries. American Spinal Injury Association, 4/98.

Levy CE.

Pulmonary rehabilitation plus human growth hormone in COPD: An update and final report. Association of Academic Physiatrists Annual Meeting, 2/98.

Levy CE.

A review of constraint induced movement techniques to facilitate upper extremity use in stroke patients: State-of-the-art concepts in neurorehabilitation after stroke, critically reviewed. AAPM&R 59th Annual Meeting, 11/97.

Levy CE.

Pulmonary rehabilitation plus human growth hormone in COPD: A model of pharmacologic enhancement of performance. AAP Annual Meeting, 2/97.

## **Presentations, Other**

Levy CE

#1153: Integrating Assistive Technology into Rehabilitation Programming: Successes and Challenges: Rural Veterans TeleRehabilitation Initiative. American Congress of Rehabilitation Medicine, 91<sup>st</sup> Annual Conference. Toronto, Ontario, Canada. 10.14

Levy CE, Omura DL, Halan S, Krishnan V, Kotranza A, Oliverio J, Lok BC

Development of a virtual Grocery Store to Treat Cognitive and Emotional Dysfunction in Mild Traumatic Brain Injury (mTBI) and Post-Traumatic Stress Disorder (PTSD): Prototype Progress Report. Department of Veterans Affairs, Employee Education System and Office of Rehabilitation Services New Horizons in Rehabilitation Care Conference. Atlanta, Georgia, 6.12



- Levy CE, Omura DL, Cowper-Ripley D, Jia H, Hoffman P, Mann, W  
 Rural Veterans Telerehabilitation Initiative: Interim Progress Report.  
 Department of Veterans Affairs, Employee Education System and Office of  
 Rehabilitation Services New Horizons in Rehabilitation Care Conference. Atlanta,  
 Georgia, 6.12
- Levy CE, Oliverio J, Lok B, Kotranza A, Giri N, Bhoobalan, Sinclair A, Krishnan V,  
 Halan S, Omura D. Development Of Therapeutic Virtual Environments And  
 Virtual Humans For Mild Traumatic Brain Injury/Post-Traumatic Stress Disorder:  
 Preliminary Report Third Federal Interagency Conference on TBI, 6.11  
 Washington DC
- Levy CE, Omura DL  
 Rural Veterans TeleRehabilitation Initiative: Development of a 21st Century  
 Video Telehealth Approach to Deliver High Quality Rehabilitation to Rural  
 Veterans. Maine 2010: HSR&D National Meeting on Improving Health Care for  
 Rural Veterans, 5.10 Portland, Maine
- Classen S, Meyer DI, Lanford DN, Levy CE, Mann WC  
 Simulated Driving Performance Issues of Combat Veterans with TBI/PTSD  
 90th American Occupational Therapy Annual Conference. 4.10: Orlando, Florida.
- Hannold EM, Classen S, Landford D, Levy CE.  
 Self-reported driving behaviors, triggers and management strategies of OEF/OIF  
 Veterans with mTBI/PTSD: A pilot study. Progress in Rehabilitation Research,  
 ACRM-ASNR 2011 Annual Conference, 4.11, Atlanta, GA.
- Hoening H, Winkler SL, Levy CE, Vandenberg P, Williams N, Ely W, Morey S,  
 Chumbler N. Tele-Technology Needs For Physical/Occupational Therapy, And  
 Ability Of Existing Technology To Meet Those Needs. VHA Telehealth  
 Leadership Forum: Telehealth 2010 and Beyond: Expanding Patient-Centric Care.  
 May, 2010
- Hubbard, SL, Giacobbi, P, Dietrich, FD, Fournier, KA, Stancil, MA, Chow, JW, Tillman,  
 MD, Burman, M, Levy, CE.  
 Clinical considerations for prescription of pushrim-activated power-assist  
 wheelchairs. International Conference on Aging, Disability, and Independence e.  
 St. Petersburg, FL, February, 2008
- Hubbard, SL, Chow, JW, Tillman, MD, Giacobbi, P, Stancil, MA, Fournier, KA,  
 Burman, M, Dietrick, FD, Levy, CE.

Characterizing successful pushrim-activated power-assist wheelchair (PAPAW) users. American Congress of Rehabilitation Medicine and American Society of Neuro-Rehabilitation Annual Conference, Washington, DC, October, 2007.

Chow, JW, Tillman, MD, Fournier, KA, Vallabhajosula, S, Giacobbi, P, Dietrich, FD, Hubbard, SL, Levy, CE.  
Longitudinal Stroke Cycle Characteristics of Pushrim-Activated Power-Assisted Wheelchair Propulsion. XXIth Congress of International Society of Biomechanics (ISB). Taipei, China, July 2007.

Hubbard, SL, Chuck E Levy, Pete Giacobbi, John Chow, Michael A Stancil, Kim Fournier, Matt Burman, Rick Dietrick, Mark Tillman. Using qualitative methods to characterize power-assist wheelchair users. International Seating Symposium. Orlando, FL, March 2007.

Levy CE, Giacobbi PG, Chow J, Tillman M, Hubbard S  
The Impact of Power Assist Wheels on QOL: An interim Report International Seating Symposium, Orlando Florida 3.07

Giuffrida, C., Levy, C., Richards, L., Davis, S., Llanes, C., Woodbury, M., Arola, S., & Nadeau, S.  
Impact of Evidenced-Based Behavioral Therapy and Botulinum Toxin Type A on Hand Function in Patients With Stroke. American Congress of Rehabilitation Medicine, Boston. September 2006.

C. Giuffrida C, Levy CE, Richards L, Davis S, Llanes C, Woodbury M, Aroloa S, Nadeau S. Impact of Evidence Based Behavioral Therapy and Botulinum Toxin (BTX-A) on Hand Function in Stroke. 17th Annual Midwest Dean's Occupational Therapy Conference 2004, College of Health Sciences Rush University and College of Health Professions, March 19&20,2004

Levy CE, Giuffrida C, Richards LG, Davis S, Nadeau SE.  
The effect of botulinum toxin plus behavioral therapy and CIMT on motor function in stroke: a preliminary report. Association of Academic Physiatrists Annual Meeting 2.2005

Levy CE, Bendixen R, Horn K, Dasler P, Mann W.  
Low ADL Monitoring Program (LAMP): An Occupational Therapy Model of CCHT. Veterans Health Administration Care Coordination and Leadership Forum. Salt Lake City, Utah 4.2005

Davis SB, Senesac C, Richards LG, Giuffrida C, Nadeau SE, Levy CE. Botulinum toxin as an adjuvant to constraint induced movement therapy. APTA Combined Sections Meeting New Orleans, LA 2.2005

Sigford B, Cruise C, Levy CE, Bendixen R, Mann WC. Veterans Health Administration Uses Tele-rehabilitation to Improve Function AAPM&R 65rd Annual Meeting, 10/04

Levy CE, Chow JW, Tillman MD, Hanson CS, Donohue TJ, Mann WC. Elders wheel more easily over a variety of terrains using a variable ratio power assist wheelchair, AAPM&R 63rd Annual Meeting, 11/02

Levy CE  
Physiatric Approach to Geriatric Patients. Geriatric Medicine Service, MRVAMC, 09/02

Levy CE, Nichols D, Schmalbrock P, Keller P.  
Functional MRI Evidence of Cortical Reorganization in Response to Constraint – Induced Movement Therapy in Stroke Hemiparesis. VA RR&D National Meeting, 2/02

Davis SE, Nadeau SE, Behrman AL, Frost SJ, Levy, Levy C, Gonzalez-Rothi LJD- amphetamine and Constraint Induced Movement Therapy for Sub-acute Patients Post Stroke. VA RR&D National Meeting, 2/02

Levy CE  
Multiple Sclerosis and Other Central Demyelinating Diseases. PHT 4313 Neurorehabilitation for PT University of Florida, 10/01

Levy CE  
The Role of the Physiatrist. Geriatric Medicine Service, MRVAMC, 10/01

Levy CE  
A critical review of knee bracing and shoe modification for OA of the knee: Rheumatology Grand Rounds, North Florida/South Georgia Veterans Health System, 2/01

Levy CE  
Physiatric, Physiotherapeutic, and Occupational Approaches to the Patient with Rheumatologic Disorders: Rheumatology Grand Rounds, North Florida/South Georgia Veterans Health System, 1/01

Levy CE  
CIMT and ENES to Restore Function in Post-Stroke Hemiplegia: Department of Exercise and Sports Science, University of Florida, 12/00

Levy CE

Physiatric Scope of Practice. Geriatric Medicine Service, MRVAMC, 10/00

Levy CE

CIMT critically reviewed. Neurorehabilitation Conference, Department of Neurology, University of Florida College of Medicine

Levy CE

Introduction to Spinal Cord Injury. PHT 4313 Neurorehabilitation for PT University of Florida

Levy CE

Introduction to Multiple Sclerosis. PHT 4313 Neurorehabilitation for PT University of Florida

Levy CE

Two fMRI Studies in Stroke  
fMRI Journal Club, University of Florida Brain Institute, 3/00

Levy CE

Constraint-Induced Movement Therapy, fMRI, Amphetamine, and Donepezil for Stroke. Physical Medicine and Rehabilitation Service, Tampa VAMC, 3/00

Levy CE

Functional Magnetic Resonance Imaging in CIMT. Center for Neuropsychological Studies, University of Florida, 2/00

Levy CE,

Essentials of Wheelchair Prescription. Geriatric Medicine Service, MRVAMC, 1/00

Goldberg G, Levy CE

Assistive technology demonstrations: Computer-based enhancement of control and communication for the motor-limited individual. AAPM&R 61st Annual Meeting, 11/99.

Rogers SL, Levy CE.

Psychological and immunological effects of massage in chronic spinal cord injury. Psychoneuroimmunology Research Society (PNIRS), Galveston, Texas, 5/99.

Levy CE.

Constraint-induced movement therapy, fMRI, and the future of rehabilitation medicine. Grand Rounds, The Department of Physical Medicine and Rehabilitation, OSUMC, 4/99.

- Leanard J, Garrison C, Harden N, Levy CE.  
New perspectives on the etiology and treatment of post-amputation pain.  
AAPM&R 60th Annual Meeting, 10/98.
- Levy CE, Nichols D, Schmalbrock P, Keller P.  
Constraint-induced movement therapy for chronic stroke upper limb hemiplegia restores function and induces plasticity as seen as fMRI. AAPM&R 60th Annual Meeting, 10/98.
- Levy CE.  
Continuum of care for individuals undergoing amputation surgery: From pre-op to rehabilitation. Grand Rounds, The Ohio State University Medical Center, Department of Surgery, Division of Vascular Surgery, Columbus, Ohio, 8/97.
- Levy CE.  
Wheelchairs, wheeled mobility, and seating and positioning for FOP.  
Fibrodysplasia Ossificans Progressiva: Tools for Today, Hope for Tomorrow, Trailblazing for Those with Disabling Rare Diseases: A Multidisciplinary Conference Uniting Medicine, Technology, & Rehabilitation, Columbus, Ohio, 5/98.
- Levy CE.  
Medical specialists: How they think, what can they do for you, and what is a physiatrist anyway? Fibrodysplasia Ossificans Progressiva: Tools for Today, Hope for Tomorrow, Trailblazing for Those with Disabling Rare Diseases: A Multidisciplinary Conference Uniting Medicine, Technology, and Rehabilitation, Columbus, Ohio, 5/98.
- Levy CE, Berridge T, Riedlinger T.  
Shoes! Fibrodysplasia Ossificans Progressiva: Tools for Today, Hope for Tomorrow, Trailblazing for Those with Disabling Rare Diseases: A Multidisciplinary Conference Uniting Medicine, Technology, and Rehabilitation, Columbus, Ohio, 5/98.
- Levy CE.  
Prescription algorithm for ankle foot orthoses. Physical Medicine and Rehabilitation 760: Introduction to Prosthetics and Orthotics, 5/98.
- Levy CE.  
Wheelchair prescription for adults. Physical Medicine and Rehabilitation 760: Introduction to Prosthetics and Orthotics, 5/98.
- Levy CE, Kaitz E, Krietemeyer L.  
Ability, disability, and cultural diversity: Tales from the crips. The Ohio State University College of Medicine, 3/98.

- Levy CE, Giovanniello M, Knight M.  
Methylphenidate plus speech therapy for chronic non-fluent aphasia. Association of Academic Physiatrists Annual Meeting, 2/98.
- Levy CE.  
The role of norepinephrine in enhancing recovery from brain injury. Grand Rounds, The Ohio State University Department of Physical Medicine and Rehabilitation, 6/97.
- Levy CE, Fernandes E, Fugate L, Diaz P, Clinchot D, Clanton T.  
Anterior dual coil magnetic stimulation of the phrenic nerves. American Thoracic Society Annual Meeting, 5/97.
- Levy CE, Fernandes E, Fugate L, Anderson K, Clanton T.  
Anterior cervical magnetic stimulation of the phrenic nerves results in unreliable airway opening twitch pressures. American Thoracic Society Annual Meeting, 5/97.
- Walz E, Levy CE.  
“Stroke: New Treatment Strategies” conference #715. The Ohio State University Medical Center’s Medical Education Network-TV and Radio, 1/20-24/97.
- Levy CE.  
Restorative neurology. Grand Rounds, The Ohio State University Department of Neurology, 1/97.
- Levy CE, McCarty B, Berner TF.  
Mobility challenges and solutions in fibrodysplasia ossificans progressiva. AAPM&R 58th Annual Meeting, 10/96.
- Levy CE.  
Rehabilitation of the lower limb amputee. Grand Rounds, The Ohio State University Department of Surgery, Division of Vascular Surgery, 12/95.
- Levy CE, Lorch F.  
Recovery of upper limb motor function after treatment of reflex sympathetic dystrophy with stellate ganglion blocks in a patient with C<sub>6</sub> tetraplegia. Association of Academic Physiatrists Annual Meeting, 3/95.
- Fugate LP, Spacek LA, Kresty LA, Levy CE, Johnson JC.  
Defining agitation following traumatic brain injury (TBI). Association of Academic Physiatrists Annual Meeting, 3/95.

- Fugate LP, Spacek LA, Levy CE, Kresty LA.  
Definition and pharmacologic intervention for agitation following traumatic brain injury (TBI). AAPM&R 56th Annual Meeting, 10/94.
- Levy CE, Sweet J, Schwandt A, Lis S.  
Unprecedented recovery from herpes encephalitis via early administration of acyclovir, methylphenidate, and behavior modification: Two year follow up of an extraordinary patient. AAPM&R 56th Annual Meeting, 10/94.
- Levy CE, Strakowski J.  
Devic's syndrome: A case study and literature review. AAPM&R 56th Annual Meeting, 10/94.
- Fugate LP, Spacek LA, Levy CE, Kresty LA.  
Definition and pharmacologic intervention for agitation following traumatic brain injury (TBI). AAPM&R 56th Annual Meeting, 10/94.
- Levy CE, Nishida T, Barkov G, Speckman P, Johnson JC.  
Three dimensional graphing of the H reflex. American Association of Electrodiagnostic Medicine, 41st Annual Meeting, 10/94.
- Levy CE.  
The psychiatric history and physical. Grand Rounds, The Ohio State University Medical Center Department of Physical Medicine and Rehabilitation, 7/94, 7/95, 6/96, 7/97, 7/98.
- Levy CE, Nishida T, Barkov G.  
Three dimensional vector graphing of the H reflex. AAPM&R 55th Annual Meeting, 11/93.
- Levy CE, Levy CE, Alleva J, Chen D.  
Acute & subacute gastrointestinal complications in spinal cord injury. AAPM&R 55th Annual Meeting, 11/93.
- Levy CE, Nishida T, Speckman P, Barkov G.  
Three dimensional vector graphing of the H reflex, a preliminary report. Medical College of Wisconsin, Department of Physical Medicine and Rehabilitation, 8/93.
- Levy CE, Nishida T, Speckman P, Barkov G.  
Three dimensional vector graphing of the H reflex, a preliminary report. Grand Rounds, The Ohio State University, Department of PM&R, 11/93.
- Levy CE, Lee WA, Brandfonbrener AG, Press J.  
Electromyographic analysis of muscular activity in the upper extremity generated by supporting a violin with and without a shoulder rest.  
• 10th Annual Symposium on Medical Problems of Musicians and Dancers, 7/92.

- Grand Rounds, University of Michigan, Department of Physical Medicine and Rehabilitation, 2/93.
- Grand Rounds, The Ohio State University, Department of Physical Medicine and Rehabilitation, 1/93.
- Johns Hopkins University, Department of Physical Medicine and Rehabilitation, 1/93.
- University of Virginia, Department of Physical Medicine and Rehabilitation, 1/93.

Levy CE, Lis S.

Dramatic recovery from herpes encephalitis via early administration of acyclovir, methylphenidate (ritalin) and behavior modification.

- Grand Rounds, Evanston Hospital, Department of Neurology, Evanston, Illinois, 7/92.
- AAPM&R/ACRM Meeting, 11/92.

Aptaker R, Roth E, Reichardt G, Duerden M, Levy CE.

Serum albumin level as an indicator of geriatric stroke rehabilitation outcome. AAPM&R/ACRM Annual Meeting, 11/92.

Levy CE.

Prevention and treatment of injuries in performing artists. Lecture, Northwestern University Music, Evanston, Illinois, 7/92.

Levy CE.

Ten year case history of schizophrenia refractory to treatment. Grand Rounds, The Ohio State University College of Medicine, Department of Psychiatry, 1987.

Levy CE.

Peer counseling for medical students. 1st Annual Student Sponsored Regional Health Care Delivery Symposium, The Ohio State University COM, 1987.

Newsletters:

Behrman A, Levy CE: Body Weight Suspended Treadmill Training Or Locomotor Training Transverse Myelitis Association Newsletter: Volume 4 Issue 2 October 2001



