# Rex G. Carr, M.D. Curriculum Vitae 9/27/2018

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painfatiguelyme.com

Date of Birth: August 27, 1954

<u>Place of Birth:</u> East St. Louis, Illinois

<u>Children:</u> Michelle, Stephanie, and Rex Jr.

**Education:** 

8/1972 - 6/1976 Undergraduate Education

University of Illinois

Champaign-Urbana, Illinois

College of Liberal Arts and Sciences

B.S. in Biochemistry

8/1976 - 5/1979 Graduate College

University of Illinois Chicago, Illinois

Department of Pathology Doctoral Candidate

8/1979 - 5/1983 St. Louis University School of Medicine

St. Louis, Missouri Doctor of Medicine

#### Residency Training:

6/1983 - 6/1986 Physical Medicine and Rehabilitation

Rehabilitation Institute of Chicago Northwestern University Medical Center

Chicago, Illinois

#### Licensure and Certification:

Illinois, 036-070000 (inactive)

Pennsylvania, M.D. – 035231-E (inactive)

New Hampshire, 7980

Vermont, 42-0007835 (inactive)

American Board of Physical Medicine and Rehabilitation

5/20/87, Certificate Number 2577

### **Academic Appointments:**

1983 Clinical Clerkship Preceptor,

Neurology

1983 - 1985 Clinical Clerkship Preceptor,

Physical Medicine and Rehabilitation

7/1987 - 12/1988 Instructor, Clinical Faculty

Jefferson Medical College

Department of Physical Medicine and Rehabilitation

12/1988 - 6/1993 Assistant Professor

Clinical Medicine

**Dartmouth Medical School** 

## **Hospital Appointments:**

9/27/2011 - Affiliate Staff

Alice Peck Day Memorial Hospital

6/1986 - 11/1988 Staff Physiatrist

Bryn Mawr Rehabilitation Hospital

7/1986 - 11/1988 Director, Spinal Cord Injury Program

Bryn Maw Rehabilitation Hospital

1/1987 - 11/1988 Member, Ambulatory Task Force Committee

Bryn Mawr Rehabilitation Hospital

5/1987 - 11/1988	Outpatient Coordinator Bryn Mawr Rehabilitation Hospital
12/1988 - 6/1993	Medical Director, Department of Rehabilitation Medicine Mary Hitchcock Memorial Hospital
12/1988 - 6/1993	Section Chair, Physical Medicine and Rehabilitation Department of Medicine Hitchcock Clinic

# Other Professional Positions:

2016 -	Tick Free NH Council Member
2015 - 2016	Lyme Disease Prevention Advisory Committee NH Charitable Foundation/Community Health Institute
1/1998	Peer Review Consultation Annals of Plastic Surgery
12/1988 - 6/1993	Member, Utilization Review and Patient Flow Committee Mary Hitchcock Memorial Hospital
3/1989 - 10/2001	Appeals Committee Member New Hampshire Foundation for Medical Care
11/1990 - 10/2001	Member, Executive Board of Directors
11/2002 - 01/2009	New Hampshire Foundation for Medical Care/ Northeast Health Care Quality Foundation
8/1992 - 10/1992	Acting Vice President, Board of Directors New Hampshire Foundation for Medical Care
10/1992 - 12/1995	President, Board of Directors New Hampshire Foundation for Medical Care
11/1998 - 10/2001	Treasurer, Board of Directors New Hampshire Foundation for Medical Care

11/2002 - 01/2009 Treasurer, Board of Directors

New Hampshire Foundation for Medical Care/ Northeast Health Care Quality Foundation

12/2009 - Member, Board of Directors

New Hampshire Foundation for Medical Care/ Northeast Health Care Quality Foundation

12/2010 - Member Finance Committee

**Board of Directors** 

Northeast Health Care Quality Foundation

1/1996 Medical Advisor, West Lebanon Fibromyalgia Support Group

10/1993 - 10/2001 Delegate American Peer Review Association

4/1993 - 1/1996 Member, Data Committee

New Hampshire Foundation for Medical Care

1/1993 Panel Physician, Liberty Mutual Insurance Company

# Memberships, Office and Committee Assignments in Professional Societies:

American Academy of Physical Medicine and Rehabilitation Fellow

International Lyme and Associated Diseases Society

#### **Academic Meetings and Courses:**

2018 NH Antimicrobial Stewardship Symposium May 23, 2018 NH Division of Public Health Services

2018 Case Studies in Early Lyme Disease LymeCME AAFP Accredited

2018 SCOPE of Pain: Safe and Competent Opioid Prescribing Education Boston University School of Medicine

2018 Prescriber Education for Extended-Release and Long-Acting Opioid Analgesics, Caring for Patients at the End of Life Informed New Hampshire Medical Licensure Program

2017 Annual Scientific Conference – Tick-borne Diseases: The Global Perspective Nov. 10-12, 2017 Boston, MA

> 2017 ILADS Lyme Fundamentals Course Nov. 9, 2017 Boston, MA

2017 Neurology for the Non-Neurologist Stowe, VT October 20, 2017

16th Annual Conference Lyme & Other Tick-Borne Diseases: Science Bridging the Gap Warwick, RI Nov. 14 &15, 2015

International Lyme and Associated Diseases Society Lyme Fundamentals Pre-Conference Workshop Fort Lauderdale, FL Oct. 15, 2015

International Lyme and Associated Diseases Society 16th Annual Scientific Session Fort Lauderdale, FL Oct. 16-18, 2015

40th Annual Vermont Family Medicine Review Course The University of Vermont College of Medicine Burlington, VT June 10-13, 2014

SCOPE of Pain: Safe and Competent Opioid Prescribing Education Boston University School of Medicine May 21, 2014

15th Annual Lyme & Tick-Borne Diseases: Medical, Neuropsychiatric & Public Health Implications Lyme Disease Association and Columbia University Providence, RI May 3-4, 2014

Multimodal Approaches to Chronic Pain Management Boston University School of Medicine Oct. 3, 2012

Family Medicine Review Course University of Vermont College of Medicine Burlington, VT June 5-8, 2012

Lyme & Tick-borne Diseases: 2011 Update for Scientists, Clinicians & Health Officials Philadelphia, PA Oct. 1-2, 2011

12<sup>th</sup> Annual Scientific Session of the International Lyme and Associated Diseases Society, Toronto, Canada, Oct. 28 – 30, 2011

Lyme Disease in the Granite State, New Hampshire Medical Society, Bedford, NH, March 14, 2011

Lyme & Other Tick-Borne Diseases: The Science & Clinical Implications Columbia University, College of Physicians and Surgeons Lyme Disease Association, Philadelphia, PA Oct., 2010

2010 International Lyme and Associated Diseases Society Annual Scientific Conference Lyme Disease and clinical knowledge and treatment techniques Medical Society of the State of New York, Westin, NJ, Oct., 2010

Lyme & Other Tick-Borne Diseases: 34 Years, From Lyme, Connecticut Across the Nation Columbia University, College of Physicians and Surgeons Lyme Disease Association, National Harbor, MD Oct. 23, 2009

ILADS 2009 Lyme Disease Conference International Lyme and Associated Diseases Society Westchester Academy of Medicine National Harbor, MD Oct. 24-25, 2009

2008 International Lyme and Associated Disease Society Ninth Annual Scientific Session San Francisco, CA Oct. 18-19, 2008

Lyme & Other Tick-Borne Diseases: Solutions Through Cutting Edge Science Columbia University, College of Physicians and Surgeons Lyme Disease Association, Oct. 17, 2008

7<sup>th</sup> World Congress on Myofascial Pain Syndromes and Fibromyalgia Syndrome, Washington, DC, Aug. 2007

International Lyme and Associated Disease Society 2007 Annual Scientific Session, Newton, MA, Oct. 2007

Lyme & Other Tick-Borne Diseases: Bridging the Medical Chasm, Newton, MA, Oct. 2007

> Lyme & Other Tick-Borne Diseases: Seeking Answers Through Science, Philadelphia, PA, Oct. 2006

International Lyme and Associated Disease Society 2006 Annual Scientific Session, Philadelphia, PA, Oct. 2006

Lyme & Other Tick-Borne Diseases: Emerging Tick-Borne Diseases, Columbia University, Lyme Disease Association, Philadelphia, PA, Oct. 28, 2005

International Lyme and Associated Diseases Society's 2005 Annual Scientific Meeting, Philadelphia, PA, October 29 - 30, 2005

OHM Society for Orthomolecular Health-Medicine 11<sup>th</sup> Annual CME meeting, San Francisco, CA, Feb. 24 - 28, 2005 International Lyme and Associated Diseases Society's 2004 Annual Scientific Meeting, Rye Brook, New York, October 23 - 24, 2004

"Lyme and Other Tick-Borne Diseases: Technology Leading the Way", A National Conference for Physicians and Allied Health Professionals, Columbia University College of Physicians and Surgeons, Lyme Disease Association, Rye Brook, New York, October 22, 2004

"Ticks, Prevention, Diagnosis, Testing, Treatment of Tick-Borne Disorders and the Legal Side of Lyme", Lyme Disease Foundation, October 16, 2004

"Emerging Concepts in the Diagnosis and Treatment of Pain: An Intensive and Comprehensive Review", The American Academy of Physical Medicine and Rehabilitation, New Orleans, LA April 28 - May 2, 2004

The NHMS Fall Conference Prescription Opioid Use, Abuse, and Diversion, 2003

16<sup>th</sup> International Conference State of the Art of Tick-Borne Disorders, 2003

IX International Conference of Lyme Borreliosis and other Tick-Born Diseases, 2002

15<sup>th</sup> International Scientific Conference on Lyme Disease and Other Tick Borne Disorders, 2002

KMRREC's 14<sup>th</sup> Annual Review Course in PM&R March 08 - 14, 2002

14<sup>th</sup> International Scientific Conference on Lyme Disease and Other Tick-Borne Disorders, Hartford, CT 2001

13<sup>th</sup> International Scientific Conference on Lyme Disease and Other Tick-Borne Disorders, Farmington, CT 2000

12<sup>th</sup> International Scientific Conference on Lyme Disease and Other Tick-Borne Disorders, New York, 1998

Fourth World Congress on Myofascial Pain and Fibromyalgia, Silva Maria, Italy 1998

Annual Scientific Meeting of the American Academy of Physical Medicine And Rehabilitation, 1985, 1986, 1987, 1989, 1990, 1991, 1992, 1993, 1997, 1999, 2004, and 2005

"Primary Care for Subspecialists," Harvard Medical School Continuing Education, 1996

"Alternative Medicine Conference," New Hampshire Medical Society, 10/27/95

Third World Congress of Myofascial Pain and Fibromyalgia, San Antonio, Texas 1995

Myofascial Workshop, Robert Gerwin, M.D., San Antonio, Texas, 1995

Fibromyalgia Workshop, Frederick Wolfe, M.D., San Antonio, Texas, August 03, 1995

American Medical Peer Review Association, 1993 Annual Session Concepts and Theories of Continuous Improvement, Dartmouth-Hitchcock Medical Center, 1993

Americans with Disabilities Act: The Physician's Role, 1992

Annual Meeting of the American Congress of Rehabilitation Medicine, 1985, 1986, 1987, 1989, 1990, 1991 and 1992

Low Back Pain: An International Course on Contemporary Management. University of Washington School of Medicine, 1992

Functional Stabilization and Postural Stabilization for Back Patients, Ascutney, Vermont, September 1990

Upper and Lower Limb Orthotics and Prosthetics, Northwestern University, The Medical School, Chicago, Ill., May 1990

Basic Electromyography, By Ohio State University in San Diego, CA, August 1989

Closed Head Injury: A Continuum of Care Approach, Dartmouth-Hitchcock Medical Center, 1989

Jefferson Medical College of Thomas Jefferson University, CME Lecture Series, 1987 - 1988

Fourth Annual Houston Conference on Neurotrauma, Houston, Texas 1988

Rehabilitation of the Traumatically Brain Injured, Philadelphia, PA, March 1988

Current Strategies for Managing Spasticity, Temple University, Philadelphia, PA, April 1988

Baylor University Specialty Board Review Course for Physical Medicine and Rehabilitation, Houston, Texas 1987

Classifying Athletes for Participation in Wheelchair Basketball, Rehabilitation Institute of Chicago, 1984

Midwest Regional Physiatric Conference, 1984

Spinal, Lower and Upper Limb Orthotics for Physicians, Surgeons And Therapists, Rehabilitation Institute of Chicago, 1984

Lower and Upper Limb Prosthetic for Physicians and Surgeons, Rehabilitation Institute of Chicago, 1983

Midwest Immunology Conferences, 1977 and 1978

### **Articles Reviewed:**

1988 "Comparison of Supine and Lateral Positioning on Various

Clinical Used Support Surfaces." Annals of Plastic Surgery, 1988

1988 "Evaluation of Results and Treatment of Variables for Pressure

Ulcers in 48 Veteran Spinal Cord Injured Patients." Annals of

Plastic Surgery, 1998

#### Research Interests:

1976 University of Illinois

Champaign-Urbana, Illinois Department of Biochemistry

Senior Thesis Student Bacterial Chemotaxis

1977 – 1979 University of Illinois – Medical Center

Graduate Student - Clinical Immunology

Effects of Gangliosides on Human Lymphoblastoid Cell Lines

#### <u>Invited Presentations:</u>

Fibromyalgia, Myofascial Pain and Lyme Disease Central Vermont Hospital, April 2001

Fibromyalgia and Myofascial Pain, Laconia, New Hampshire Support Group, New Hampshire Arthritis Foundation, 1998

"Physical Effects of Brain Injury," New Hampshire Brain Injury Association, 15<sup>th</sup> Annual Conference, May 20, 1998

"Minor (Mild) Closed Head Injury and Post-Concussive Syndrome," New Hampshire Brain Injury Association, 15<sup>th</sup> Annual Conference, May 20, 1998

"Fibromyalgia and Myofascial Pain" Barre Discussion Group

"Physical Effects of Brain Injury," State of New Hampshire, Division of Mental and Developmental Services, February 1996

"Fibromyalgia and Myofascial Pain," North Conway Fibromyalgia Support Group, 1996

- "Fibromyalgia and Myofascial Pain," Sullivan County Fibromyalgia Support Group, New Hampshire Arthritis Foundation, 1995
- "Fibromyalgia and Myofascial Pain," Barre/Montpelier Fibromyalgia Support Group, Vermont Arthritis Foundation, 1994
- "Minor Closed Head Injury in the Pediatric Population," Speech Pathology at Randolph School, 1994
- "Fibromyalgia and Myofascial Pain," Lebanon Fibromyalgia Support Group, New Hampshire Arthritis Foundation, 1994 and 1995
- "Fibromyalgia," Healthline, Yankee Cable Network and Concord Hospital, Concord, New Hampshire, August 7, 1994
- "Myofascial Pain," Section of Behavioral Medicine, Dartmouth-Hitchcock Medical Center, 1993
- "Utilization Review for Inpatient Rehabilitation," New Hampshire Foundation for Medical Care, 1992
- "Myofascial Pain," Neurology-Neurosurgery Grand Rounds, Dartmouth-Hitchcock Medical Center 1992
- "Myofascial Pain," Department of Rehabilitation Medicine, Dartmouth-Hitchcock Medical Center, 1992
- "The Americans with Disabilities Act," Department of Rehabilitation Medicine, 1992
- "Aspects of Physical Therapy in the Lower Extremity Amputee," Mary Hitchcock Memorial Hospital, November 1990
- "Rehabilitation of Neurobehavioral Consequences in the Patient with Traumatic Brain Injury," Neurology/Neurosurgery Grand Rounds, November 1989
- "Basic Electrodiagnostics," Orthopedic Sunrise Conference, Dartmouth-Hitchcock Medical Center, October 1989

> "Inpatient Rehabilitation as a Distinct Entity," Regional Conference on Rehabilitation Medicine, Hanover, New Hampshire 1989

"Comprehensive Rehabilitation – A Case Study," Medical and Surgical Conference, Chester County Hospital, October 1987

"Issues of Spine Stability in Traumatic SCI," Grand Rounds, Bryn Mawr Rehabilitation Hospital, May 1987

#### Resident/Student Lectures:

"Neuro-anatomy of the Optic System," 1984
"Anatomy and Kinesiology of the Lower Leg," 1984
"Introduction to Laboratory Tests," 1984 and 1985
"Peripheral Sensory Nerves and Receptors," 1985
"Physiatry," Department of Internal Medicine,
St. Louis University School of Medicine, 1983
"Medical Complications in the Patient with Traumatic
Spinal Cord Injury," State Farm Insurance, New Jersey

#### Journal Articles:

Lee, Y., Yoshizawa, Y., Carr, R.G., Yokoyama, M.D.: AET-Treated Sheep Red Blood Cell and Immunobead for Combined Detection of Human Peripheral.

Lymphocyte Subpopulations: <u>A. Immunitaetsforsch Immunobio.</u> 155 (3):232-239, February 1979

Lee, Y, Yoshizawa, Y., Carr, R.G., Yokoyama, M.D.: A Simpler Method for Combined Detection of Human Lymphocyte Subpopulations. <u>Int. Arch. Allergy Appt. Immunol.</u> 59 (1):114-116, 1979.

Yoshizawa, Y., Lee, Y., Carr, R.G., Yokoyama, M.D.: A Method for Preservation of Lymphocyte Rosettes in Agarose. <u>Immunol. Commun.</u> 8 (2): 185-191, 1979.

Tuel, Stephen M., Carr, R.G., Sliwa, James A.: Deep Vein Thrombosis. <u>Archives of Physical Medicine and Rehabilitation</u> Vol. 66, Pg. 796, November 1985.

Carr, R.G.: Physical Medicine and Rehabilitation Aspects of Cervical Spondylotic Myelopathy. In Saunders, R., Bernini, P., eds. Cervical Spondylotic Myelopathy. Boston: Blackwell Scientific Publications, Inc., 1992.

# **OTHER ACTIVITIES**

## Amateur Radio:

Amateur Radio Operator, AA1KL, Extra Class, Licensed 1992 -

New Hampshire Amateur Radio Emergency Service member 1995 – 2018

NHARES Assistant Emergency Coordinator for Southern Grafton Area 1998 – 2002

NHARES Emergency Coordinator for Southern Grafton Area 2002 – 2010

 $VTARES\ Assistant\ Emergency\ Coordinator\ for\ Southern\ Windsor\ County\ 2002-2018$ 

VTRACES Member 2008 - 2017

ARRL Amateur Radio Emergency Communications Course Level I 2003

ARRL Amateur Radio Emergency Communications Course Level II 2003

ARRL Advanced Amateur Radio Emergency Communications Course Level III 2003

American Red Cross Introduction to Disaster Services 2003

Basic FEMA Incident Command System Course 2003

Member Vermont Radio Amateur Civil Emergency Services 2008-