CURRICULUM VITAE

LEIGH CRAIG ANDERSON, MD

Certification

Associate Professor, Clinical Specialty Track, University of Colorado Health Sciences Center, Granted 5/96

Diplomat, American Board of Physical Medicine and Rehabilitation, 5/88, Certificate Number 2751

Diplomat, American Board of Electrodiagnostic Medicine, 4/89, Certificate Number 1179

Current MD License - Colorado 28113

Positions Held

Chief Medical Officer, VISN 19-01/06 to Present

Chief of Staff, Eastern Colorado Health Care System 1/01- 1/06

Chief Medical Officer (Acting), VISN 19, 6/03-10/03 and 5/05-1/06

Veterans Health Administration Headquarters

Chief Consultant, Rehabilitation Strategic Health Group, 3/96- 1/01

Veteran Health Administration Headquarters

National Director, Physical Medicine and Rehabilitation Service, 3/96-1/01

Veterans Health Administration Headquarters

Deputy National Director, Physical Medicine and Rehabilitation Service, 5/94 - 3/96

Denver Veterans Affairs Medical Center, Denver

Chief, Physical Medicine and Rehabilitation Service, 7/89 – 1/01 Staff Physician, 7/87 - 6/89

University of Colorado Health Sciences Center

Director of Residency Training, PMR, 6/88 - 6/90
Assistant Professor, 7/87 - 5/96
Associate Professor, 5/96 – present
Affiliate Dean/School of Medicine- University of Colorado Health Sciences
Center, 1/01-Present.

Vice Chariman, Department of Rehabilitation Medicine- 6/03- present

Rose Medical Center, Denver, CO

Active Staff, 7/87 – 5/01 EMG Panel Chairman, 6/95 - 6/97; Member, 5/89 – 5/01

Denver General Hospital, Denver, CO

Consulting Staff, 7/87 - present

Fitzsimmons Army Medical Center, Aurora, CO

Active Staff, Champus Partnership Provider, 7/89 - 6/91

Residency

Department of Physical Medicine and Rehabilitation University of Minnesota Hospital and Clinics Minneapolis, Minnesota 7/84 - 6/87

Education

College of Medicine University of Nebraska Medical Center Omaha, Nebraska 8/80 - 5/84 Medical Doctor Degree, 5/84

College of Medicine School of Allied Health University of Nebraska Medical Center Omaha, Nebraska 7/77 - 5/79 Bachelor of Science in Physical Therapy, 5/79

University of Nebraska Lincoln, Nebraska 8/75 - 5/77

Publications

Peer Reviewed Articles:

Anderson LC, Blake DJ: The Anatomy and Biomechanics of the Hip Joint. J Back Musculoskel Rehabil: 4(3): 145-153, 1994.

Scott DD, Anderson LC: The Piriformis Syndrome. J Back Musculoskel Rehab; 4(3), 1994.

Anderson LC, Hemler DE, Luethke JM, Lathchaw RE, Olson DR - Transcranial Magnetic Evoked Potentials Utilized to Monitor the Spinal Cord during Neuroradiologic Angiography of the Spine, Spine 19(5) 613-619,1994.

D. Dykstra, A.A. Sidi, L.C. Anderson - "The Effect of Nifedipine on Cystoscopy Induced Hyperreflexia in Patients with High Spinal Cord Injury" - J. Urology, 138:1155-1157, 1987.

Coauthor- "Preservation Amputation Care and Treatment CD-ROM Training Program," VHA Employment Education Service, National distribution 4/02

Book Chapters:

Anderson LC, Cutter NL: "Immobility" in <u>Principles of Geriatric Medicine and Gerontology</u>, 4th edition, McGraw-Hill, 1999.

Johnston M, Eastwood E, Wilkerson D, Anderson L: "Systematically Assuring and Improving the Quality and Outcomes of Medical Rehabilitation Programs" in Physical Medicine and Rehabilitation-Principles and Practice- Delisa, Lippincotte Williams and Wilkins, 2005

Abstracts:

Constant Readiness for JCAHO- VHA Preparation for JCAHO Shared Visions/New Pathways, Presented at 2004 VHA National Senior Management Conference, 8/17/04, Washington DC.

Anderson LC, Marshall HM: Defining Functional Status across a Continuum of Care: Abstract in International Rehabilitation Medicine Association Annual Conference, Kyoto, Japan- 7/97

Anderson LC: Development of Rehabilitation Clinical Algorithms within the Veterans Health Administration. Abstract in National Association for Health Care Quality, 21st Annual Educational Conference: Creating the New Rhythm in Health Care Quality. 10/27-30/96, Nashville, TN

Woelfel EL, Ogle A, Goldman LB, Anderson LC - "The Role of Interarterial Priscoline in Conjunction with Range of Motion in the Treatment of Reflex Sympathetic Dystrophy. Abstract in Arch Phys Med Rehabil 73(10) 1004-1005, 1992.

Erb DL, Anderson LC - "Spontaneous Bilateral Anterior Interosseous Syndrome. Abstract in Arch Phys Med Rehabil 70(10):A-61-62, 1989.

Newsletters:

Physical Medicine and Rehabilitation Service Quarterly Newsletter, Advisory Board Physician Representative Column and Directors Column FY 93-99.

Grants

<u>Evaluation of participation in Winter sports Clinic activity on functional status, Quality of Life, and Self Efficacy- 11/00- Veterans Benefits Administration- \$2000</u>

<u>Clinical impact on functional patient outcomes through use of a multi-skilled allied health worker.</u> Principle Investigator Donna Jo Blake, Co-investigator-Leigh Anderson. Funding granted 12/97, VHA Rehabilitation Research and Development Service, Pilot Grant amount \$50,000.

<u>Development of a Computer-assisted Electrodiagnostic Training Program</u>. Grant submitted to the Dept. of Health and Human Services 3/94, Recommended for approval but not funded.

Research Panel Membership/National Educational Program Development

Journal of Rehabilitation Research and Development Manuscript Reviewer, 1/03 and 2/01

Review Member Rehabilitation Research & Development – Centers of Excellence, Mar. 99

Board of Trustee Advisor CARF National Advisory Committee for VHA Blind Rehabilitation services- 3/1-3/98, Tucson AZ

Oversight Advisory Board member to the Defense/Veterans Head Injury Project (DVHIP) 2/98- 9/01, Walter Reed Army Medical Center, Washington DC

Department of Veterans Affairs/Research and Development Service, Director Search Committee 11/97-2/98

Department of Veterans Affairs/Research and Development Service, Career Development Award Review panel, 10/97,4/98 Washington DC

Department of Veterans Affairs/Research and Development Service, Rehabilitation Outcomes Screening Panel, 7/97

Department of Veterans Affairs/Research and Development Service, Doctoral Research Field Review Panel, 8/97

Rehabilitation Accreditation Commission (CARF) Board of Trustees Member/VHA designee 4/96-present

VHA/CARF Steering committee Chairperson-4/96-12/01

Veterans Affairs/Rehabilitation Research and Development/Strategic Planning Conference, 4/97, Baltimore, MD

Rehabilitation Research sponsored conference for strategic planning of future funding priorities.

Department of Veterans Affairs/ Rehabilitation Research and Development/ Service/Strategic Planning for Rehabilitation Research Conference – 11/1-3/95, Chicago, IL

Rehabilitation Research sponsored conference for strategic planning of future funding priorities. Duties included Team Director for the development of a strategic planning document to develop future grant selection criteria.

Physical Medicine and Rehabilitation Service Clinical Algorithm Development Project - 2/94-10/95

VACO/Quality Management Institute sponsored clinical algorithm project succeeding in the development and implementation of both a stroke and lower extremity treatment algorithm for VHA at 20 local facilities. Duties included seed algorithm development, course planning, site visit review, outcomes determination and dissemination. Total allocation - \$600,000

Health Services Research and Development Service (HSR&D)- Field proposal reviewer. 8/95

Spinal Cord Dysfunction Registry - Clinical Expert Advisory Panel - 11/94-11/95 VACO/PVA sponsored project for the development of a national computer-based registry system for Spinal Cord Injured patients. Duties include data review and modification, questionnaire design, and software evaluation.

Prevention/Amputation Clinical Team National Training Seminar - 4/11-12/95 Course planning panel member and breakout session moderator

Theoretical Model to Characterize Rehabilitation Services - HSR&D funded grant pilot proposal, Clinical Advisory Panel member, 7/95

Helen Hoenig - Principal Investigator. Duties include Questionnaire review, evaluation, and pilot-site coordination

Physical Medicine and Rehabilitation Research Mentorship Workshop - Snowbird UT, 8/11-13/95

Course planner and coordinator in collaboration with Salt Lake City REMIC/VAHQ-Memphis

Team Characteristics and Patient Outcomes on VA Rehabilitation Services - Rehabilitation R&D funded grant

Principal Investigator - Dale Strasser, funded 4/97. Duties include - Advisory Board membership to assist in pilot site determination and data validation.

TEACHING/EDUCATIONAL PRESENTATIONS

International Presentations

World Congress of Neurological Rehabilitaion, Venice Italy, 4/02 Autonomic dysfunction- Neurogenic bladder diagnosis, classification and treatment

International Rehabilitation Medicine Association -VIII World Congress, Kyoto, Japan, Aug. 28 - Sept.10, 1997. "Use of Functional Status Databases within the Department of Veterans Affairs".

National Presentations

JCAHO Ready Set Go- Constant Readiness- VHA Senior Executive Summit- Washington DC, 2004.

"Mentoring the young executive in Rehabilitation", Rehabilitation National symposium-Los Angeles CA, June 2002

Rehabilitation Care Delivery in the Future. National VHA Rehabilitation Symposium. St Petersburg FI, March 2001

"Reengineering Rehabilitation Delivery, Rehabilitation in the VA – National Perspectives, Annual VA Rehabilitation Symposium, Houston, Texas, June 8 -10, 1999.

1999 Comprehensive Blind Rehabilitation Standards, Quality Organizations, Rehabilitation Accreditation Commission Comprehensive Blind Service, Kansas City, April 13-14, 1999.

Defining Case Mixed-Adjusted Functional Outcome Performance Measures Within a Network of Care, American Academy of Physical Medicine and Rehabilitation 1998 Annual Assembly, Seattle WA, Nov. 6-10, 1998.

Functional Status in Outcomes Database for Rehabilitation, for the VA Information Technology Conference, Austin, TX, Aug. 10-14, 1998

Multi-facility Systems: "The VA Experience". Presented at the BFLO Conference, for Physiatrists and other Rehabilitation Professionals, July 12-13, 1998.

Multidisciplinary Approaches to Prosthetic/Spinal_Cord Injury/ Rehabilitation Care in the 21st Century, Department of Veterans Affairs, Orlando, FL June 23-26, 1998

Status of CARF/VHA Subscription Agreement, CARF/VHA Blind Rehabilitation Services, Tucson, AZ, Feb. 28, 1998.

Developing Trends in Rehabilitation, 1998 AKTA National Conference, Atlanta, GA, and July 17-21, 1998.

Functional Outcome Measures within Rehabilitation Medicine. Presented to Medical staff at West Los Angeles VAMC, 12/15/97.

Transformation within the VHA: Presented at the Visually Impaired Service team /Blinded Veterans Association Annual Meeting, Reno Nevada, 9/97.

SCI/Prosthetics

Project planner/Moderator and Breakout session coordinator, Las Vegas, NV, 7/22-25/96

Evaluating Rehabilitation Outcomes throughout a Continuum of care: Presented at the Uniform Data System, Buffalo NY, 8/97

Status of PMRS in the New VA/ Adaptation to "Journey for Change", presented to PMRS Chiefs and Administrators, Tampa Symposium X, St. Petersburg, FL, 5/20/97

Application of UDS/FIMware for Research Initiatives, Presented at Austin Automation Center VA/FIMware training, PMRS UDS coordinators and Service Chiefs, Austin TX. 5/6-8, 1997.

Current Status of CARF Accreditation in the VHA, Presented at the Blind Rehabilitation Service Chiefs Meeting, Tucson, AZ, 5/16/97.

Prevention/Amputation Care and Treatment, VHA National Satellite Continuing Education Presentation-Panel presenter, St. Louis, MO, 9/20/96

Prevention/Amputation Care and Treatment program/Early Detection and Prevention of Amputations, Project planner/Moderator and Breakout session coordinator, Las Vegas, NV, 7/22-25/96

CARF 101 - Introduction to Accreditation Standards

Moderator, Physician Breakout Coordinator Long Beach REMIC, 6/25-27/96

Review of Outcome Measurements in Rehabilitation Medicine Presented to Colorado Association of Quality Managers Colorado Springs, CO, 5/2/96

Traumatic Brain Injury Case Manger Training Seminar Breakout session moderator- Defining the Status of Case Management in the Field Memphis, TN, 4/9-11/96

Review of Algorithm Outcomes
Presented to VHA/PMR services at the Stroke/Amputee Algorithm Review Course,
Minneapolis MN, 9/26-27/95

Implementation of a Clinical Algorithm - PMRS multi-site review presented to Ischemic Heart Disease Clinical Algorithm Development Conference, St. Louis MO, 9/20/95

Tampa symposium-PMRS Annual service chief/coordinators meeting Lecture moderator and physician breakout session leader, Tampa, FL, 4/11-13/95

Traumatic Brain Injury (TBI) Care: Case Management Seminar Historical review of TBI care and reimbursement patterns within the VHA Minneapolis, MN, 9/7-9/94

Tampa Symposium-PMRS Service Chief and Coordinator Annual Training
New Service Chief Administrative Training-2 hr lecture workshop
Clinical Pathway Development for Lower Extremity Amputation and Chronic Lower Back
Pain Patients-1 hr lecture
Tampa FL, March 9-11,1994

University of Colorado Health Sciences Center, School of Nursing, Extended Studies and Continuing Education
Brain Tumors: Team Up for Triumph - Neurophysiologic Basis for Rehabilitation
May 1, 1993

American Academy of Physical Medicine and Rehabilitation 1991 Annual Meeting Poster Presentation: Treatment of Reflex Sympathetic Dystrophy with Intra-arterial Priscoline San Francisco, CA; October, 1991

American Academy of Electrodiagnostic Medicine Regional Workshop Course Instructor Denver, Colorado; February 23-24, 1991

American Academy of Physical Medicine and Rehabilitation 1989 Annual Meeting Poster Presentation: Bilateral Interosseous Syndrome

San Antonio, Texas; October, 1989

American Academy of Physical Medicine and Rehabilitation 1988 Annual Meeting/Breakfast Session Neurogenic Bladder Update Seattle, Washington; October, 1988

Local/Ongoing Instructional Activity

Rehabilitation Medicine Resident Education
Electrodiagnosis Course Coordinator
Department of Rehabilitation Medicine, UCHSC
Annual lecture series including weekly 1 hour lectures over a 9 month period
7/87 – 6/97

Department of Physical Therapy Education, UCHSC

Recurring Lecture Series on Electrodiagnosis, Medical Management of Spinal Cord Injury, and Inflammatory Central Nervous System Disorders, 12 hours of yearly lectures on the above subjects

7/89 - present

Rehabilitation Medicine Resident Education, UCHSC
Course Coordinator, Musculoskeletal Physical Examination
Annual summer curriculum consisting of 8 hours of lecture and laboratory demonstration
7\87 to present

Rehabilitation Medicine Resident Education, UCHSC Cadaver Anatomy Dissection Lab Sharp dissection laboratory occurring over an 8 week period 1/92 - 3/92 (Scheduled for repetition every 2 years) 1/94-3/94, 1/96, 1/98

Rehabilitation Medicine Resident Education, UCHSC, Course Coordinator
Didactic Course Curriculum in Kinesiology
Neuroanatomy/Neurophysiology
Traumatic Brain Injury
Recurring lecture series of 4-8 week duration on a 3 year rotating cycle; 7/88 to present

Rehabilitation Medicine Resident Summer Curriculum

Annual recurring lecture series of 1 hour segments on Neurogenic Bowel and Bladder Management; Kinesiology; Swallowing Disorders; Musculoskeletal Physical Diagnosis

Medical Student Education, UCHSC

IDPT 6002. Physical Examination. Winter 91-92: Winter 92-93

IDPT 5002, Introduction to Clinical Medicine, Clinical Problem Solving; Spring 92; Spring 93

IDPT 5001, Introduction to Patient Interviewing; Winter, Spring, 91-92; Winter, Spring, 92-93

Non-recurring Lecture Presentation

The effect of immobility and aging on human physiology, anatomy, and function. Presented to the Rehabilitation residents, UCHSC, 2

Lumbosacral anatomic relationships, biomechanics, and clinical examination, presented to the Rehabilitation residents, UCHSC, 12/12/95

Chronic Lower Back Pain-A Clinical Algorithm for Care, Presented to the Rehabilitation Medicine residents, UCHSC, 3/22/94.

Treatment of Sacroiliac Dysfunction, Grand Rounds, Denver VAMC, Presented to the Rehabilitation residents, 4\94.

Stroke Syndromes and Neuro-Anatomic Relationships, Presented to the Geriatric Medicine fellows, Denver VAMC, 12\93

The Anatomy and Biomechanics of the Hip Joint, Presented to the Members of the Rocky Mountain Rehabilitation Society, UCHSC, 11/93.

Functional Anatomy and Pathology of the Knee, Presented to the Rehabilitation Medicine residents, UCHSC, 3/2/93

Clinical Utilization of Magnetic Stimulation in Clinical Practice, Presented to the Rocky Mountain Rehabilitation Society, UCHSC, 1/13/93

Musculoskeletal disorders of the spine, Course coordinator, Rehabilitation Medicine resident Didactic Curriculum, 11/24/92-12/22/92

Challenging Case Conference, Care of the Traumatic Brain Injured patient, Denver VAMC, 11/20/92

Involving Medical Staff in Managerial Decision-making, Presented to the Denver VAMC Serve Chiefs, Annual Retreat, Vail CO, 8/26/92

Motor Dyskinesia, Presented to the Rehabilitation Nurses, Denver VAMC, 5/26/92

Spinal Cord Injury-Levels of Function, Presented to the UCHSC Rehabilitation Medicine residents, UCHSC, 5/12/92

Rehabilitation of the Paraplegic Patient, Presented to the Rehabilitation Medicine residents, UCHSC, 5/19/93

Upper Limb Kinesiology, Presented to the Rehabilitation Medicine residents, UCHSC, 3/31/92

Spasticity Management, Presented to the Rehabilitation Medicine Nurses, Denver VAMC, 3/16/92

Carpal Tunnel Syndrome-Diagnosis and Management, Presented to the Medical Staff, Cheyenne VAMC, Cheyenne, WY; 3/6/92

Anatomy Laboratory Demonstration - Upper limb, Denver VAMC Physical and Occupational Therapy staff, UCHSC. 2/28/92

Normal and Pathologic Gait Evaluation, Presented to the Rehabilitation Medicine Residents, UCHSC, 3/5/91

Muscle Spindle Physiology, presented to the Rehabilitation Medicine residents, UCHSC, 5/1/90

Balance Mechanisms and Re-training, Presented to the PMR residents, UCHSC, 4/12/90

Shoulder Anatomy and Dysfunction after CVA, Presented to the Colorado Occupational Therapy Association-Continuing Education Section. Denver VAMC, 3/22/90

Post-traumatic Complications of Head injury, Presented to the Rehabilitation Medicine Residents, UCHSC, 10/3/89

Physiatric Functional Evaluation, Presented to the Rehabilitation Medicine Residents, UCHSC, 7/12/88

Mobility and Gait Training, Presented to the Rehabilitation Medicine Residents, UCHSC, 7/21/88

Traumatic Brain Injury, Presented to the Rehabilitation Medicine Residents, UCHSC, 9/13/88

Neuroanatomy-Physiology, Resident Didactic Course, Presented to the Rehabilitation Residents, UCHSC, 3/6-3/24, 1988

Carpal Tunnel Syndrome, Presented to the UCHSC Rheumatology Department Grand Rounds, UCHSC, 2/88

Neurogenic Bowel and Bladder Management, Presented to the Rehabilitation Residents, UCHSC, 8/87

Professional Service

National

Vista Imaging Fuctional Change Control Board, Chariman- 1/04-Present

CARF Steering Committee Chairman- VAHQ, 5/96-12/00

CARF Board of Trustees representative/VHA- 5/96-12/00

Veterans Affairs Field Advisory Board, Physician representative, Physical Medicine and Rehabilitation Service, VACO, 4/93-6/95

Course Coordinator, Traumatic Brain Injury Rehabilitation/Case Manager Training, Conducted by Department of Veterans Affairs Central Office, 9/94, Minneapolis, MN.

Member, American Academy of Physical Medicine and Rehabilitation, Liaison Committee for Practice Issues, 6/92-present

Member, Department of Veterans Affairs, Title 38 Disciplinary and Grievance Panel, 9/92-present

Veterans Administration Central Office Representative, Veterans Benefits Administration/Veterans Health Administration Traumatic Brain Injury Conference, Denver, CO, 5/17-19/92 VBA/VHA conference, Albuquerque, NM, 9/16-17/95

State of Colorado

Member, State of Colorado Department of Labor and Employment, Division of Worker's Compensation - Physical Medicine Task Force, 12/92-5/93

President Elect, Rocky Mountain Rehabilitation Society, 4/93 Member, 7/87-present

University of Colorado Health Science Center

Co Chair, Denver VAMC/UCHSC Deans Committee, 1/01 to present.

UCHSC School of Medicine Executive Committee, Affiliate Member, 1/01-present.

Chairman Search committee, UCHSC - Radiology and Pathology

Elected Member, UCHSC Faculty Council, 7/92 – 6/93 Sub-committee memberships: Academic Affairs; Minority Affairs

Member, Department of Physical Therapy Education Advisory Board, 5/92 - 1/01

Member, Department of Rehabilitation Medicine, Practice Issues Committee, 8/91 - 8/98

Member, Education Committee, Department of Rehabilitation Medicine, 8/87 - 8/91

Department of Veterans Affairs Medical Center

Chairman, JCAHO Patient Assessment Chapter Facility Review 8/95-11/95

Member, Resources Management Board, 4/94-present

Member, Quality Management Committee, 1/94-present

Chairman, Budget and Position Management Committee, 11/92 -4/94 Member, 11/90-11/91

Chairman, Physical and Occupational Therapy Standards Board, Chairman, 7/89 - present

Member, Clinical Executive Board, 7/89 - present

Member, Laboratory Utilization Committee, 7/89 - present

Member, Education Committee, 10/92 -11/93

Member, Professional Standards Credentials Board, 10/92 - present

Member, Advisory Board, Therapeutic Massage Project, 5/93 - 5/95

Rose Medical Center

Member, Electrodiagnostic Medicine Panel, 8/90 - present Chairman, 6/95-present

Member, Physical Medicine and Rehabilitation Service Committee, 7/88 - 8/93

Awards

Special Contribution Award – Department of Veterans Affairs, 8/98 and 11/4/2003

Service Award – Department of Veterans Affairs, 7/97

Certificate of Appreciation - VACO for participation in the PMRS Field Advisory Board-Physician representative - 7/95

Golden Goniometer Award for Outstanding Faculty Educator - presented by the Rehabilitation Medicine residents, UCHSC, June 1992.

Special Award: <u>Outstanding Faculty Educator</u>, Presented by Graduating Residents, Department of Physical Medicine and Rehabilitation, UCHSC, June, 1988

<u>Service Award for Meritorious Service to Country and Veterans, Military Order of the Purple Heart, February, 1993</u>

Certificate of Appreciation, Paralyzed Veterans of America, 1989, 1992

Graduation with High Distinction, University of Nebraska Medical Center, May 1984

Alpha Omega Alpha Honor Society, University of Nebraska Medical Center, April 1983

University of Nebraska Regents Scholarship, University of Nebraska Medical Center, 1983-1984, 1982-1983, 1981-1982

Nebraska Foundation Scholarship, University of Nebraska Medical Center, 1980-1981

Graduation with High Distinction, University of Nebraska Medical Center, May 1979

Excellence in Research Award, University of Nebraska Medical Center, 1979

American Physical Therapy Association "Mary McMillan Outstanding Student Scholarship Award," 1978

University of Nebraska Regents Scholarship, University of Nebraska Medical Center, 1978-1979

Veterans of Foreign Wars Health Careers Scholarship, 1978-1979, 1977-1978

Dean's List, University of Nebraska, Lincoln, 1976-1977, 1975-1976

Phi Eta Sigma Honorary Society, University of Nebraska, Lincoln, 1976

Professional Organization

American Academy of Physical Medicine and Rehabilitation

American Congress of Rehabilitation Medicine

Academy of Academic Physiatrists

Alpha Omega Alpha Honor Society

National Association of VA Physicians and Dentists