

CURRICULUM VITAE**February 7, 2017****RICHARD L. STIEG, M.D., MHS**

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Professional Practice History

Following completion of neurological training in 1967 at Walter Reed Army Hospital in Washington, D.C., Dr. Stieg served as Chief of Staff of the Neurology Department and as a flight surgeon in the US Air Force Medical Corp at Wilford Hall Hospital in San Antonio Texas until 1971. Duties included clinical practice and medical education of interns and residents as well as attending to the needs of flight personnel.

From 1971 to 1977 Dr. Stieg was in private clinical practice of general neurology in Boulder and for 3 years concurrently served as Assistant Chief of the Neurology Department at Denver General Hospital (now Denver Health), a half-time paid academic position.

In late 1977 Dr. Stieg founded the Boulder Memorial Hospital Pain Clinic, the first multidisciplinary outpatient and inpatient pain treatment program in the state of Colorado. Duties included patient care, medical education of nurses and other allied healthcare givers, program development, clinical research and medical supervision of the pain treatment teams. After leaving the Boulder Memorial Hospital 5 years later Dr. Stieg founded the Colorado Rehabilitation Institute in Boulder, an outpatient multidisciplinary pain treatment center. Duties continued to be care of patients, program development, and training of allied health personnel, clinical research, and medical supervision of the treatment teams.

Over the subsequent years Dr. Stieg has founded, directed, seen patients and taught in a variety of other clinical settings and geographical locations in Boulder, Greeley, Broomfield, Aurora and Denver, Colorado, Pittsburgh, Pennsylvania and (currently) Frisco, Colorado, serving patients with brain injuries, chronic pain and related addiction disorders. This included service as the Medical Director of the Brain Injury Program at Spalding Hospital in Denver for several years. He also served from 1990-1995 as Medical Director and a member of the Board of Directors of the Greeley Center for Independent Living, a non-profit organization providing assisted living and related health services to patients with brain injuries and diseases. Professional duties and clinical private practice has continued the same throughout these settings, which have been privately owned, hospital based, or within academic institutions (University of Pittsburgh 1987 to

1989). Currently Dr. Stieg sees patients in a private practice in Frisco, Colorado 2 days per week and until 2014 served as Medical Director of the Centennial Rehabilitation Associates, a private institution in Aurora that offered several outpatient programs for patients with traumatic brain injuries, chronic pain and concurrent psychiatric disorders, including addiction to prescription and illicit drugs.

Dr. Stieg continued academic teaching on a volunteer basis until 2007 when he retired from the Neurology Department at The University of Colorado Health Sciences Center. While at The University of Pittsburgh from 1987-1989 as an Associate professor of Anesthesiology and Neurology, Dr. Stieg maintained residences in Pittsburgh and Berthoud, Colorado and continued to consult with those Colorado clinics which he had established.

In 1994 Dr. Stieg was recruited by The Colorado Compensation Insurance Authority as Medical Director of that quasi-governmental insurance company, providing workers' compensation benefits to Colorado employees. The company changed its name to Pinnacol Assurance during his 8-year tenure. During that time Dr. Stieg's duties included development of a statewide PPO (Preferred Provider Organization) -like organization consisting of primary care and specialty physicians specially trained to offer workers' compensation care in Colorado. He also greatly expanded the in-house nursing and large part-time Physician Advisory Panel at Pinnacol Assurance. He has served the Division of Workers' Compensation in the state of Colorado as a taskforce member of four different committees that developed medical treatment guidelines for Traumatic Brain Injury, Chronic Pain and Complex Regional Pain Syndrome for the workers' compensation system. Throughout his 8 years at Colorado Compensation Insurance Authority and Pinnacol Assurance, Dr. Stieg maintained a clinical practice, seeing pain patients in various clinical settings.

Dr. Stieg has been a strong advocate of volunteerism and has spent much of his career serving a variety of not for profit organizations (see curriculum vitae for details) as a writer, editor, website developer, teacher, researcher and member of numerous committees and boards of directors. In 1994 he served as the 10th president of the American Academy of Pain Medicine.

EDUCATION AND TRAINING

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| 1955-1959 | C.W. Post College, Brookville, New York.
Major: Biology, Chemistry. B.S., Cum Laude, 1959 |
| 1959-1963 | University of Rochester, Rochester, New York.
Major: Medicine, M.D., 1963 |
| 1963-1964 | USAF Hospital, Wright-Patterson AFB, Ohio.
Internship, Rotating |
| 1964-1967 | Walter Reed General Hospital, Bethesda, Maryland.
Resident, Neurology Service |
| 1996-1999 | University College, Denver University, Denver, Colorado
Masters Degree in Healthcare Systems |

APPOINTMENTS AND POSITIONS

Academic

- 1973-1986 Assistant Clinical Professor of Neurology and
Medicine University of Colorado Medical Center,
Denver, Colorado
- 1987-1989 Assistant Professor of Anesthesiology and Neurology,
University of Pittsburgh, Pittsburgh, Pennsylvania
- 1989-2007 Associate Clinical Professor of Neurology,
University of Colorado Health Sciences Center,
Denver, Colorado

VOLUNTEER ACTIVITIES

National Pain Foundation

A non-profit Colorado based corporation that provided Web- based information for pain patients and care givers

- 1999-2003 Founding member, Treasurer, & Board of Directors
- 2004-2006 Vice-Chair, Board of Clinical Directors
- 2006 Co-Chair for Programs, Board of Directors
- 2007-2010 Website Editor – In Chief

Arapahoe House

A non profit Colorado based corporation providing drug and alcohol treatment centers

- 1992-Present Numerous fund-raising committees/functions
- 2002-2003 CO-President, Foundation Board

Pain Consortium, COPIC Insurance

A non profit group that provides education to health care providers about pain treatment

- 2000-Present Participating member and guest lecturer

American Pain Foundation

2010 – Executive Advisory Board Member

LICENSURES AND BOARD CERTIFICATIONS

1964 Diplomat National Board of Medical Examiners

1971-Present State of Colorado

1971 American Board of Psychiatry and Neurology

1992 American Board of Pain Medicine

2009 American Board of Addiction Medicine

MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

1967-Present Member, American Academy of Neurology

1971-Present Member, Colorado Medical Society

1994 Member, Workers' Compensation Advisory Committee

1994-Present Member, Denver Medical Society

1994-1998 Alternate Delegate to Colorado Medical Society

1971-Present Member, American Medical Association

1994 A.M.A. President's Council

COLORADO SOCIETY OF CLINICAL NEUROLOGISTS

1973-Present Member

1975-1976 Vice-President

1983-1984 President

WESTERN U.S.A. PAIN SOCIETY

1981-Present Member

1983-1984 President

AMERICAN PAIN SOCIETY

1978-Present Member

1988 Chairman, Ad Hoc Committee for the Directory of Pain Management Facilities

1987-1990 Membership Committee

1988-1990 Nominating Committee

1990 Chairman, Publications Committee

1990-1992 Treasurer

1992 Chairman, Long-Range Planning Task Force

AMERICAN ACADEMY OF PAIN MEDICINE

1983-Present Founding Member

1983-1992 Liaison Secretary to American Pain Society

1987-1989 Treasurer

1992 Fellow, American College of Pain Medicine

1993 President-Elect

1994 President

1989-1999 Editorial Staff, Clinical Journal of Pain

- 1999-Present Editorial Staff, Pain Medicine
- 2000-2003 Director of Development
- 2009-Present Liaison with past President's Council, Board of Directors
- 1978-1994 Member International Association for the Study of Pain (IASP)
- 1983-1989 Surveyor, Commission on Accreditation for Rehabilitation Facilities
- 1987-1988 Member, Ad Hoc Committee to rewrite standards for pain treatment facilities, Commission on Accreditation for Rehabilitation Facilities
- 1985-1991 Member, American Association for the Study of Headaches
- 1989-1992 Member, Colorado Head Injury Foundation
- 1989-1992 Member, National Head Injury Foundation
- 1991 Fellow, American Academy of Disability Evaluating Physicians
- 1992 Editor in Chief, Journal of Disability
- 1984-2001 Member, American College of Physician Executives

HONORS AND AWARDS

- 1997 Phillip M. Lippe Award, American Academy of Pain Medicine
- 2009 Pioneer in Pain Medicine, Western Pain Society

GRANTS

- 1987-1990 National Institute of Arthritis and Musculoskeletal and Skin Diseases
Grant No. 1 RO1AR38698-01. Co-investigator, Project Title: "Chronic Low Back Pain: Biobehavioral Factors and Maintenance and Treatment."
- 1987-1990 Baltimore Therapeutic Company. Associate Investigator, Project Title: "Evaluating the Clinical Utility of the Work Simulator for Chronic Patients."
- Pain

PUBLICATIONS

- Stieg, R.L., Double Blind Study of Belladonna - Ergotamine - Phenobarbital for Interval Treatment of Recurrent Throbbing Headache. Headache, 120-124, July 1977.
- Stieg, R.L., Williams, R.C., Timmermans-Williams, G., Tafuro, F. & Gallagher, L.,. Cost Benefits of Interdisciplinary Chronic Pain Treatment. Clinical Journal of Pain, 1, 189-193, 1986.
- Stieg, R.L., Chronic Pain. In F. Buerra & J.A. Aldrete (Eds.), Emotional and Psychological Responses to Anesthesia and Surgery. 203-222. New York: Grune & Stratton, 1980.
- Stieg, R.L., Gallagher, L. & Williams, R., Multidisciplinary Pain Treatment Centers. Journal Of Occupational Medicine, 23, 94-102, 1981.
- Stieg, R.L. & Williams, R., Chronic Pain as a Biosociocultural Phenomenon: Implications for Treatment. Seminars in Neurology, 3, 370-376, 1983.
- Stieg, R.L., Pain and the Disability Process. Colorado Trial Talk, 27, 3-4. 1983.
- Brenna, S.F., Crue, B.L. & Stieg, R.L., Comments on the Classification of Chronic Pain: Its Clinical Significance. Bulletin of Clinical Neurosciences, 49, 67-81, 1984.
- Williams, R.C. & Stieg, R.L., Validity and Therapeutic Efficacy of Individual Patient Goal Attainment Procedures in a Chronic Pain Treatment Center. Clinical Journal of Pain, 2, 219-228.
- Stieg, R.L. & Turk, D.C., Chronic Pain Syndrome: Demonstrating the Cost-Benefit of Treatment. Pain Management, 2, 58-63, 1988.
- Stieg, R.L., Why be Concerned with Chronic Pain Treatment. Risk Management, 1, 28-30, 1987.
- Turk, D.C., Rudy, T.E. & Stieg, R.L., Chronic Pain and Depression: I. "Facts". Pain Management, 1, 17-25, 1987.
- Turk, D.C. & Stieg, R.L., Chronic Pain: The Necessity of Interdisciplinary Communication Clinical Journal of Pain, 3, 163-167, 1987.
- Rudy, T.E., Turk, D.C. & Stieg, R.L., Quantifying Medical/Physical Findings in the Assessment of Chronic Pain Patients. (Abstract) Pain, (Suppl. 4): S165, 1987.
- Stieg, R.L., Flor, H., Rudy, T.E. & Turk, D.C., Significant Others Perceptions of and Responses to Chronic Pain Patients (Abstract) Pain, (Suppl. 4): S165, 1987.

Turk, D.C., Rudy, T.E. & Stieg, R.L., The Disability Determination Dilemma: Toward a Multiaxial Solution. Pain. 34: 217-229, 1988.

Rudy, T.E., Lieber, S.J., Turk, D.C. & Stieg, R.L., Evaluating the Clinical Utility of the BTE Work Stimulator for Chronic Back Pain Patients. (Technical Report). Center for Pain Evaluation and Treatment Institute, University of Pittsburgh School of Medicine, Pittsburgh, PA, 1988.

Sorkin, B., Rudy, T.E., Hanlon, R. & Stieg, R.L, "Geriatric and Younger Chronic Pain Patient: Differences Appear Less Important than Similarities". J. Geront 45:64-68, 1988.

Kinsman, R., Dirks, J., Wunder, J., Carbaugh, R. & Stieg, R.L., "Multidimensional Analysis of Peak Pain Symptoms and Experiences". 51:101-112. Psychotherapy and Psychosomatics., 1989.

Rudy, T.E., Turk, D.C., Stieg, R.L. & Brody, M.C., "Quantification of Biomedical Findings of Chronic Pain Patients: Development of a General Pain-Specific Physical Pathology Index". Pain. 42:167-182, 1990.

Stieg, R.L. "Advances in the Management of Chronic Pain". Internal Medicine for the Specialist. 11:111-113, 1990.

Stieg, R.L. "The Cost-Effectiveness of Pain Treatment: Who Cares?" Clinical Journal of Pain 6:301-304, 1990.

Stieg, R.L. "The Futility of Physical Testing in the Assessment of Disability" APS Journal, 3 (3): 185-188, 1994.

Cherington, M. Martoraro, F. Siebuhl, L Stieg, R.L. & Yarnell, P. "Childhood Lightning Injuries On the Playing Field", J.E.M.MED. (12) 39-41, 1994.

Stieg, R.L. "Pain and the 4th Ed. of the A.M.A. Guides to the Evaluation of Permanent Impairment: A Fresh Look at an Old Problem". DISABILITY, 4:1-8, 19

Stieg, R.L. "A.A.P.M. President's Message" (Ed.) Cl. J. Pain 10 (2): 95-97, 1994.

Stieg, R.L. "President's Message: Organized Medicine's Role in the Health Care Reform Debate" Cl. J. Pain 10 (3): September 1994.

Stieg, R.L. "President's Message: Free Choice of Care: Have We Ever Really Had it? Do We Want It?" Cl. J. Pain 10 (4): December 1994.

Stieg, R.L. & Shepard, T.A. "Health Care Reform: Pain Medicine and the Insurance Industry" (book chapter) In: Cohen MJM, Campbell JN (Eds). Pain Treatment, Centers at a Crossroads: A Practical and Conceptual Reappraisal. Progress in Pain Research and Management. IASP Press, Seattle, 1996.

Stieg, R.L. “Workers’ Compensation”, AAPM Newsletter, April 1995.

Stieg, R.L. “Managed Care in the Workers’ Compensation Arena”, Pain Medicine Network, August 1995.

Stieg, R.L. “Measuring Outcomes: The Key to Quality Management.” J. Back Musculoskeletal Rehab 7:97-101, 1996.

Stieg, R.L. “Access to Health Care: A Key Issue in Understanding Healthcare Policy.” Pain Med. Network, March 1998.

Stieg, R.L., Lippe, PM & Shepard, T.E. “Roadblocks to Effective Pain Treatment.” Med. Cl. N.Am. 83 (3): 809-821, 1999.

Stieg, R.L. “Financing the Treatment of Chronic Pain: Models for Risk-Sharing Among Pain Medicine Physicians, Health Care Payers and Consumers”. Pain Medicine, 1 (1), May 2000.

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Stieg, R.L. “Medical/Legal Evaluations” Pain Medicine and Management: Just the Facts. Staats, P. and Wallace, M (eds). McGraw-Hill. Pub. Div. Philadelphia, 2003, pp 368-371, 2005.

Stieg, R.L. “Disability and Impairment in the Patient with Pain”. Neurosurgical Pain Management. Follett, KA (ed) Saunders. Philadelphia, pp 262-264, 2004.

Stieg, R.L. “Transcending Your Pain.” Series of papers for patients in pain. National Pain Foundation (www.nationalpainfoundation.org), 2003-2010.

Stieg, R.L. Harden, N. & Wilson, P. “Complex Regional Pain Syndrome” (www.nationalpainfoundation.org), 2003 revised July 2006.

Webster, L.R., Stieg R.L., et. al. "An analysis of the root causes for opioid-related overdose deaths in the United States" Pain Medicine, 12 (2) s26-35, 2011

Dyer, A.R. & Stieg, R.L. "Comprehensive Treatment of Chronic Pain by Medical, Interventional and Integrative Approaches". Deer, T.R. et al (eds). Springer. New York, pp.927-934, 2013.

Stieg, RL. "Medical Legal Evaluations" Pain Medicine and Management: Just the Facts (2nd ed.). McGraw-Hill. Pub. Div. Philadelphia, 2014 (in press).