

Robert S. Francis, D.C.

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EDUCATION

D.C. Texas Chiropractic College, 1986

Ph.D. LaSalle University, 1993

M.A. University of Missouri, 1975

B.A. Sam Houston State University, 1973

“Certificat d'études”, University of Neuchâtel, Switzerland, 1972

“Grundstudium”, Akademisches Auslandsamt, Universität, Regensburg, Germany, 1971

“Certificado del Verano”, University of Valencia, Spain, 1970

Houston Public Schools, 1957-1969

PERSONAL DATA

Interests in teaching, writing, lecturing, healthcare delivery systems, integrative medicine, travel, culinary arts and gardening.

PROFESSIONAL AFFILIATIONS AND ACADEMIC APPOINTMENTS

Clinical Assistant Professor of Family Medicine, Department of Family Medicine, University of Texas Medical Branch, Galveston.

Visiting Professor, St. George's University, School of Medicine, Complementary Medicine Selective.

Teaching Faculty, Southern California University of Health Sciences, School of Professional Studies.

Teaching Faculty, Post Graduate Studies, University of Bridgeport.

Board Certified, American Association of Integrative Medicine (AAIM).

Dean of Clinical Sciences, Associate Professor, Texas Chiropractic College, 1988-1993.

Director of Institutional Research, TCC, 1986-1993.

Course Director, Division of Post Graduate Studies, TCC, Certification Courses in Hospital Based Manipulation Under Anesthesia 1987-1993.

Clinical Teaching Faculty, Department of Clinical Sciences, TCC, 1983-1993.

Board Member and Regent, Alumni Association President member, Texas Chiropractic College, 1993-1995.

Texas Chiropractic College, Gavel Club, 1993 lifetime member.

Editorial Review Board, Journal of the Academy of Chiropractic Orthopedists.

Oregon Chiropractic Practice & Utilization Guidelines, EMEBC project, external reviewer, Educational Manual for Evidence-Based Chiropractic, Diagnostic Imaging, 2003

Member, American Chiropractic Association, Hospital Relations Committee.

Texas Chiropractic Association (TCA):

Chairperson, Manipulation Under Anesthesia Committee

Past TCA Appointments:

Chairperson, Professional Relations, Department of External Affairs, Texas Chiropractic Association.

Chairperson, Texas Chiropractic Association, Hospital Protocol Committee

Past President, Texas Chiropractic College Alumni Association

Past Board Member, Texas Chiropractic College Board of Regents

Past Member, U.S. Office of Education, Council on Chiropractic Education Site Visitation Team for institutional accreditation.

PROFESSIONAL AND ACADEMIC HONORS

Outstanding CAM Curriculum Provider Award, University of Texas Medical Branch, Department of Family Medicine, 2008

Certificate of Appreciation, Alternative & Integrative Medicine Elective, University of Texas Medical Branch, Galveston, Texas 2003

Doctor of the Year, Texas Chiropractic Association Convention, CA Connections, 1994

Doctor of the Year, Texas Chiropractic Association, District 11, 1990

Doctor of the Year, Motion Palpation Institute, 1990

Golden Eagle Award, service to the Chiropractic Profession, GCS, 1990

Outstanding Service Award, Texas Chiropractic Association, 1988

Keeler Plaque Award, Texas Chiropractic Association/Texas Chiropractic College, 1986

Dean's List, Texas Chiropractic College, 1983-1986

Roberd's Chiropractic Communication Award, 1985

President's Distinguished Service Award, Texas Chiropractic College, 1985

Omega Psi Honor Award, Texas Chiropractic College, 1984

Founder, Motion Palpation Club, Texas Chiropractic College, 1983

Texas Society for Autistic Citizens, Service Award, 1981

EMPLOYMENT HISTORY

<u>2010 – Current</u>	Private Practice - Pasadena, Texas
<u>2013 –Current</u>	Peak Surgical, provide consultation services and medical device implants and instrumentation to spine surgeons.
<u>2010 – 2013</u>	MidAmerica Management, LLC, Director Clinical Training Program Provided operational management services for interventional pain management and spine surgeon practices, hospital/medical surgical facilities including surgeon training and consultation for neurodiagnostic and spinal medical device implants.
<u>1986-2010</u>	Private Practice - Pasadena, Texas Private clinical practice with medical student clinical rotation affiliation Family Medicine service, University of Texas Medical Branch and Texas Chiropractic College intern preceptorship program.
<u>1983-2008</u>	Texas Chiropractic College 5912 Spencer Hwy. Pasadena, Texas 77504 <u>Dean</u> , Clinical Sciences Division, 1989-1993

Faculty appointments: Associate Professor Clinical Sciences
Program Director, Manipulation Under Anesthesia Certification Courses, Division of Post Graduate Studies, 1996- 2004
Director, Department of Professional and Legislative Relations, 1988-1990
Director, Institutional Research, 1990-1992
Faculty, Division of Post Graduate Studies, 1986-2008
Director, Hospital rotations (1986-1993) at Texas Medical Center, UT Health Science Center at Houston, Veteran's Affairs Medical Center, Vista Medical Center, and Doctors Hospital, Houston, Texas and private service rotations in orthopedic surgery, neurological surgery, anesthesia/pain management service, internal medicine, family practice rotations.
Clinical Faculty, Classroom instruction in Spinal Anatomy, Spinal Diagnosis, Spinal and Appendicular Manipulative Therapy, Spinal and Appendicular Biomechanics, and Principles of Diagnosis 1983-1993

<u>2003-present</u>	Clinical Assistant Professor of Family Medicine, Department of Family Medicine, University of Texas Medical Branch, Galveston.
<u>1996-present</u>	Southwest Medical Examiners/ExamWorks – private contract service for medical utilization review.
<u>1996 – 2010</u>	Clinical Proctor for Spinal and Appendicular Manipulation Under Anesthesia Surgical Specialty Hospitals of America, Pasadena, Texas MidTown Surgical Hospital, Houston, Texas
<u>1988-1996</u>	Operating Room Proctor for Spinal Manipulation Under Anesthesia Surgicare of Texas Ambulatory Surgical Hospital, Pasadena, Texas
<u>1996-1999</u>	Director, Physical Medicine, Medical Industrial Center, Houston, Texas
<u>1975-1982</u>	State of Texas <u>Research Director, Texas Legislature</u>

Reporting directly to the Dean of the Texas Senate, Senator Chet Brooks (District 11), I was responsible for oversight and management of the legislative research staff for the Texas Legislature charged with furnishing the Texas Legislature with interim reports and longitudinal studies regarding educational, medical and social services to individuals with disabilities, social and rehabilitation services, including oversight and development of healthcare delivery systems and regulatory agencies.

Assisted in the initial development of the 1977 Sunset Advisory Commission relating to oversight of state healthcare delivery systems and healthcare regulatory

agencies which recommends legislative actions/remedies for each state agency to the full Legislature.

My staff and I worked directly with the newly created Sunset Advisory Commission to identify and eliminate waste, duplication/redundancy, and inefficiency in government agencies relating to health care delivery, oversight and regulation.

Responsible for the management and direction of legislative research staff, report of research findings and organization of public hearings across the State of Texas pursuant to Texas Legislative Resolutions directing, writing and supervising the research of a variety of healthcare delivery systems and healthcare regulatory agencies in the State of Texas.

This position required extensive travel to other states and communication with executive directors of similar state and federal agencies around the country towards an effort to develop legislation to meet the requirements and objectives of Texas Legislative Resolutions for interim studies and to meet the federal and state mandated requirements for statutory compliance in the State of Texas for appropriate health care delivery, services, oversight and regulation.

PROFESSIONAL PRESENTATIONS

Shriner's Hospital, National Association of Orthopedic Nurses, presentation, "Chiropractic Alternative to Treatment of Low Back Pain", 2012

Empire Medical Training Seminars, Electrodiagnostic Series, faculty presenter for EMG/NCV didactic and clinical training in needle EMG and NCV studies, 2012

Empire Medical Training Seminars, Pain Management Series, Faculty, Intra-articular Injections Protocol, Dallas, Texas 2011

Annual Texas Yoga Retreat 2011, Invited Speaker, "Functional Anatomy: Therapeutic Considerations for the Yoga Teacher", Barsana Dham, Austin, Texas 2011.

Electrodiagnostic, EMG/NCV training and certification seminar series, Faculty. Empire Medical Training, Dallas, Texas 2011

2010 UTMB Department of Family Medicine Annual Family Medicine Small Group Teaching Series, Integrative Medicine Elective. University of Texas Medical Branch at Galveston, Department of Family Medicine.

2009 Annual Practice Of Medicine Interdisciplinary Series: UTMB Low Back Lecture Series, Faculty Presenter, University of Texas Medical Branch at Galveston, Department of Family Medicine, 2009.

2008 Swiss Chiropractic Association Annual Convention, invited speaker, "Rationale for Manipulation Under Anesthesia", Milan, Italy 2008.

Annual Practice Of Medicine Interdisciplinary Series: Low Back Pain: case presentation, Faculty Presenter, University of Texas Medical Branch at Galveston, Department of Family Medicine, 2008.

Certification Course, MUA Didactic and Clinical Proctorship, lead instructor, Surgery Specialty Hospitals of America, Pasadena, Texas, February, 2008

Zentrum Zofingen, Manipulation Under Anesthesia, Physician Certification Course, Didactic and Clinical Proctorship, Zurich, Switzerland, November 2007.

Complimentary Medicine Selective, St. George's University School of Medicine, Visiting Professor, Invited speaker, Grenada, West Indies, September 2007.

Manipulation Under Anesthesia, Certification Course, Didactic and Clinical Proctorship, presenter, Renaissance Hospital, Houston, Texas, October, 2007.

Manipulation Under Anesthesia, Certification Course, Didactic and Clinical Proctorship, presenter, MidTown Surgical Hospital, Houston, Texas, March 2007.

40th Annual Family Medicine Review Conference, invited speaker, Low Back Pain Case, UTMB, Department of Family Medicine, Moody Gardens, Galveston Texas, April, 2006

Complimentary Medicine Selective, St. George's University School of Medicine, Visiting Professor, Invited speaker, Grenada, West Indies, September 2006.

St. Luke's Episcopal Hospital Shriners' Children's Hospital, invited speaker, Orthopedic Nurses Association, 2006.

Physician Certification Course in Manipulation Under Anesthesia, Clinical Proctorship, Vista Medical Center Hospital, Pasadena, Texas, 2006.

UTMB at Galveston, Department of Family Medicine, presenter, Annual POM Interdisciplinary low back pain case presentations, 2006.

University of Texas Medical Branch, School of Allied Health, presenter, Annual Team IDEAL Symposium, CAM teamwork, collaboration and community-based care. 2006

University of Texas Medical Branch, Department of Family Medicine, presenter, Nicholson Integrative Medicine Roundtable Series, "Low Back Pain", 2005.

Vista Medical Center Hospital, Physician Certification Course in Manipulation Under Anesthesia, January 2005

Mid-Town Surgical Center & Hospital, Physician Certification Course in Manipulation Under Anesthesia, March 2005.

Vista Medical Center Hospital, Physician Certification Course in Manipulation Under Anesthesia, June 2005

University of Texas Medical Branch, presenter, UTMB Academy of Lifelong Learning, "Chiropractic Care and Healthy Aging", 2004.

38th Annual Family Medicine Review, University of Texas Medical Branch, Department of Family Medicine, invited speaker, "Low Back Pain and Spinal Manipulative Therapy: Controversy or Consensus?", San Luis Resort, Galveston, Texas 2004

Texas Podiatric Medical Association, Invited Speaker, "Manipulative Therapy for the Lower Extremity", Houston, 2004

University of Texas Medical Branch, Department of Family Medicine, Family Medicine Resident Roundtable, Faculty Presenter, "Indications for Referral for Spinal Manipulative Therapy", 2004.

Pleasanton Surgery Center, Physician Certification Course in Manipulation Under Anesthesia, San Francisco, 2004.

Vista Medical Center Hospital, Physician Certification Course in Manipulation Under Anesthesia, January 2004.

St. Jude's Ambulatory Surgical Hospital, Physician Certification Course in Manipulation Under Anesthesia, San Antonio, 2003.

Operating Room Protocol for Manual Medicine, seminar presenter, San Diego, CA, 2003. Manipulation Under Anesthesia, Physician Certification Course, San Diego, CA. Escondido Surgery Center, 2003.

International Ayurveda Symposium, Invited Speaker, National Ayurvedic Medical Association, Berkeley, CA 2002.

Zurich, Switzerland, Physician Certification Course in Manipulation Under Anesthesia, 2002.

Bethesda Orthopedic Hospital, Basel, Switzerland, Physician Certification Course in Manipulation Under Anesthesia, 2002.

Texas Yoga Retreat 2002, "Ayurvedic Medicine and Therapeutic Yoga", Barsana Dham, Austin, Texas 2002

Baden, Switzerland, Manipulation Under Anesthesia, Certification Course, 2002

Kloten, Switzerland, Physician Certification Course in Manipulation Under Anesthesia, 2002.

Vista Medical Center Hospital, Physician Certification Course in Manipulation Under Anesthesia, 2002

Zofingen, Switzerland, Physician Certification Course in Manipulation Under Anesthesia, 2002.

Alexander Surgery Center, Physician certification course, Manipulation Under Anesthesia, San Diego, CA, 2002

Hermann Memorial Southeast Hospital, Invited Speaker, “Managing Menopause Naturally,” Houston, 2002

American Medical Student Association Annual Convention, “Ayurvedic Medicine: An Overview,” invited speaker, Houston, 2002

Sierra Hills Surgery Center, Physician Certification Training Course in Manipulation Under Anesthesia, Sacramento, CA 2002

International Wellness Conference, Invited Speaker, “Ayurvedic Approaches to Preventive Medicine”, University of Texas Medical School, Moody Gardens, Galveston, Texas 2002

University of Texas Medical School, Galveston, Invited Speaker, Alternative and Integrative Medicine Therapies Journal Club, 2002

Rice University, School of Continuing Studies, Invited Speaker, “Ayurveda: The Science of Self-Healing,” The Art of Well-Being Symposium, Fall, 2001

Texas Yoga Retreat 2001, “Ayurveda, The Science of Self-Healing”, Barsana Dham, Austin, Texas 2001

Memorial Hermann Southeast Hospital, presenter, Integrative Medicine, 2001

University of Texas Medical School, Galveston, Invited Speaker, Alternative and Integrative Medicine Therapies Journal Club, 2001

“Physician Advisor’s Checklist for Determining Medical Necessity in Chiropractic Care” Prepared Presentation for Texas Workers’ Compensation Commission, Southwest Medical Examiners, Houston, 1999

American College of Integrated Medicine, Keynote Speaker, “Hospital Protocol for Manipulation Under Anesthesia and Myofascial Trigger Point Injections”, Albuquerque, 1999

Physician’s Herbal Remedies Training Workshop, Invited Speaker, “Phytochemistry and Clinical Applications”, P.H.A.R. Institute, Houston, Texas 1998

Fourth International Congress of Complimentary Therapies in Medicine, "Hepatoprotection of Traditional Herbomineral Preparations in Management of Alcohol Induced-Liver Disease," Arlington, VA, 1998

Second Annual Congress on Natural Pharmacy, invited speaker, "Clinical Research and Experiments on the Protective Effects of Traditional Medicines to Improve Liver Function", Washington, DC, 1998.

American Academy of Physical and Manual Medicine, Certification Course in Manipulation Under Anesthesia, Houston, 1997

World Congress of Complimentary Therapies in Medicine, WorldMed '96, invited speaker, Washington, D.C., 1996

American Chiropractic Association Annual Convention, "Hospital Protocol & Medical Staff Privileges", lecturer, Atlanta, 1996

University of Colorado at Boulder, visiting lecturer, "The New Paradigm - Alternative Medicine", Niles Utlaut, M.D., course director, 1995

University of Texas Medical School, lecturer, "Alternative Medicine in the Orthodox Health Care Delivery System", UT Health Science Center at Houston, 1995

Texas Chiropractic Association Annual Convention, presenter, "The Psychodynamics of Doctor-Patient Communications", San Antonio, 1994

Texas Chiropractic College Annual Convention, presenter, "Psychological Considerations in the New Paradigm of Health Care Delivery", Houston, 1994

International Chiropractic Association, Certification in Spinal Trauma Lecture Series, course instructor, Philadelphia, Atlanta, Houston, 1994

Physicians Academy of Advanced Diagnostics, Fellowship and Diplomate Lecture Series, Faculty, Dallas, Texas 1990-1996

Tyler Neurosurgical Associates, Grand Rounds Presentation, "Integration of Spinal Manipulative Therapy in Orthodox Medicine", East Texas Medical Center, 1993

Physicians Academy, Fellowship Lecture Series, course instructor, "Manipulation Under Anesthesia", Dallas, 1992-1996

Texas Back Institute, Multidisciplinary Symposium, "The Rationale of Spinal Manipulation", presenter, Houston, Texas 1993

Texas Chiropractic Association Annual Convention, “Guidelines and Parameters for Standard of Care in the Practice of Chiropractic”, presenter, Dallas, 1993

American Chiropractic Association, Panel of Advisors Symposium, host, Houston, 1992

Logan College of Chiropractic Convention, “Hospital Practices and Procedures,” lecturer, St Louis, 1991

American Chiropractic Association, “Hospital Protocol and Manipulation Under Anesthesia,” speaker, Orlando, 1991

Texas Medical Center, Texas Women’s University School of Physical Therapy, “Multidiscipline Interdisciplinary Patient Care” Lecturer, 1991

Baylor College of Medicine, Department of Obstetrics and Gynecology, “Management of Low Back Pain in the Pregnant Patient,” lecturer series, Houston, 1991

University of Texas Medical School, Division of Orthopedic Surgery, Grand Rounds presenter, “Current Concepts in Chiropractic Medicine,” 1990

Texas Chiropractic College, Cervical Spine Symposium, “Manipulation Under Anesthesia,” 1990

Industrial/Ergonomic Evaluation and Back Schools, Phillips Petroleum, 1990

Public Access Houston Television, “Setting the Record Straight,” co-host, 1990

Texas Chiropractic College, Post Graduate Symposium, speaker, “Current Concepts in Lumbar Spine Diagnosis and Treatment,” 1990

Baylor College of Medicine, Midwifery Department, “The Rationale of Spinal Manipulative Procedures,” lecturer, 1990

Texas Chiropractic College, Post Graduate Division certification course, “Manipulation Under Anesthesia”, faculty, 1989-2004

American Chiropractic Association Annual Convention, “Hospital Protocol and Manipulation Under Anesthesia,” presenter, San Antonio, 1989

Industrial Back Schools, Shell Oil Company, 1989-1990

Baylor College of Medicine, Anatomy for Nurse Practitioners, guest lecturer, Houston, 1989

Texas Psychological Association Annual Convention, “Co-Management of the Chronic Pain Patient,” speaker, Austin, 1988

Baylor College of Medicine, Department of Obstetrics & Gynecology, “Post Partum and Ante Partum Back Pain,” lecturer, Houston, 1988

Hermann Hospital, Spine Symposium, Department Orthopedic Surgery, “Segmental Changes in Spinal Manipulation,” speaker, 1988

American Medical Student Association Annual Convention, “The Rationale for Spinal Manipulative Therapy,” invited speaker, New Orleans, 1987

Texas Medical Center, University of Texas Health Science Center, “Current State of Chiropractic,” presenter, Grand Rounds, 1986

Texas Medical Center, Indications Conference, “Rationale for Spinal Manipulation,” presenter, 1986

University of Houston School of Optometry, Interprofessional Relations Course, guest lecturer, 1983-1995

PROFESSIONAL TRAINING/SEMINARS

Texas Department of Insurance, Division of Workers Compensation, Designated Doctor Certification Course, 2013

Texas Chiropractic Association, Relicensure Seminar, Myofascial Release, Houston, Texas, 2013

American Academy of Disability Evaluating Physicians (AADEP), certification training, Houston, 2012.

Dynamic Movement, Training Workshop, Northwestern University, Houston, Texas, June, 2012.

Texas Chiropractic Association, Relicensure Seminar, Myofascial Release, Houston, Texas, 2011.

Relicensure seminars, State of Texas, Texas Chiropractic College Annual Convention, 2010.

Texas Chiropractic Association, Myofascial Seminar, State of Texas relicensure seminar, 2009.

Relicensure seminars, State of Texas, Texas Chiropractic College Annual Convention 2004 – 2008.

Certification Training, Egoscue Method for postural dysfunction, articular dyskinesia and pathomechanics of the spine and appendicular musculoskeletal system, San Antonio, 2003

Certification Training, American Medical Association Guidelines to the Evaluation of Permanent Impairment, Whole Persons Technology, Houston, Texas 2003

Certification Training, American Medical Association Guidelines to the Evaluation of Permanent Impairment, Whole Persons Technology, Dallas, Texas, 2001

Facilitator Training, Transpersonal Psychology Holotropic Workshop, Director, Stanislov Grof, M.D., Taos, New Mexico, 2000

Certification Training, American Medical Association Guidelines to the Evaluation of Permanent Impairment, Whole Persons Technology, Dallas, Texas, 1999

Facilitator Training, Transpersonal Psychology Holotropic Workshop, Director, Stanislov Grof, M.D., Taos, New Mexico, 1999

Facilitator Training, Transpersonal Psychology Holotropic Workshop, Director, Stanislov Grof, M.D., Sante Fe, New Mexico, 1998

Certification Training, American Medical Association Guidelines to the Evaluation of Permanent Impairment, American Academy of Disability Evaluating Physicians, Dallas, Texas, 1997

MIU College of Ayurvedic Medicine, Physicians Training Program in Ayurvedic Medicine, Fairfield, Iowa, 1994

Mercy Conference, "Guidelines for Chiropractic Quality Assurance and Practice Parameters," commission member, San Francisco, 1992

The Council on Chiropractic Education, Site Visitation Team Member and Workshop, Denver, 1991

St. Luke's 24th Annual Orthopedic Symposium, Houston, 1988

American Back Society, Fall Symposium, San Francisco, 1988

Motion Palpation Institute Seminars for spinal manipulation and diagnosis, 1983-1987

Hermann Hospital, Orthopedic Surgery Rotation, Department of Orthopedic Surgery, Houston, 1985-1986

Challenge of the Lumbar Spine, New Orleans, 1984

CIVIC AND COMMUNITY AFFILIATIONS

Cultural Arts Committee, Chairman, City of Pasadena Chamber of Commerce.

Team Physician, Leukemia Society of America Honolulu Marathon Team, 1994

Member, International Association of Yoga Therapists.

Member, Pasadena Chamber of Commerce

Concert Chairman - Pasadena Philharmonic Society, 1989-1990

Vice-President - Pasadena Philharmonic Society, 1989-1992

Trustee, Pasadena Philharmonic Society Board of Trustees, 1989-1991

Houston Friends of Music Chamber Music Society

Rice University, Sheppard School of Music, Patron member

PUBLICATIONS

National Institutes of Health (NIH) Study participant, UTMB clinical faculty in NIH/NCCAM Grant #: AT00586-05. 2000-2005 (\$1,500,000). Sierpina, V. (PI): Evidence-based Curriculum in Alternative Therapies.

JACO Editorial Reviewer: Robert S. Francis, D.C., Published: September, 2009
Journal of the Academy of Chiropractic Orthopedists, June 2009, Volume 6, Issue
 Received: 1 August 2009 Accepted: 15 August 2009, Complications of Transforaminal Cervical Epidural Steroid Injections, Malhotra, Gautam MD; Abbasi, Arjang DO; Rhee, Michael MD, *SPINE* Volume 34, Number 7, pp 731–739, ©2009, Lippincott Williams & Wilkins.

Manipulation Under Anesthesia, Concepts in Theory and Application, co-author, a textbook for certification and training courses, CRC Press, 2005.

Modern Principles of Manual Medicine - MUA. Textbook author, submitted manuscript Lippincott, Williams & Wilkins, 2004

Contemporary Chiropractic, Chapter author, “Chiropractic in Integrated Settings” Churchill Livingstone, 1996.

Contemporary Chiropractic, Chapter author, “Chiropractic in the Hospital Environment”, Churchill Livingstone, 1996.

“Manipulation Under Anesthesia: Training Protocol,” *American Chiropractor*, November 1995.

Advances in Chiropractic, Vol.1, Chapter co-author, “Manipulation Under Anesthesia,” Mosby, 1994.

“A Survey of Attitudes, Awareness, and Opinions of Chiropractic”, *American Journal of Chiropractic*, June, 1994.

“Clinical Presentations of Headaches”, TCC Review, Vol. XVIII, No.4, Fall, 1993.

Guidelines for Chiropractic Quality Assurance and Practice Parameters: Proceedings of the Mercy Center Conference, commission member, Aspen Publishers, 1992.

“Literature Review of philosophies of Chiropractic Past, Present and Future,” TCC Review, Vol. XVIII, No.3, Fall, 1992.

“Manipulation Under Anesthesia”, *American Chiropractor*, November, 1992.

“Spinal Manipulation Under General Anesthesia: A Chiropractic Approach in a Hospital Setting,” *ACA Journal of Chiropractic*, December, 1989.

“*Spinal Manipulation Under General Anesthesia*,” physician training video, Bailey Publications, 1989.

Manual for Chiropractic Technique, Editor, Dyna-Spine, Inc. 1987.