

Curriculum Vitae – Résumé Philippe André Souvestre

3195 Granville Street, Suite 60, Vancouver, B.C., V6H 3K2 Canada
Tel: (604) 736-3963; Fax: (604) 736-3950; email: pas@neurokinetic.com

As of October 8, 2010

EDUCATION

POST-DOCTORAL TRAINING & SPECIALTIES

- 2010 Diving Medical Officer – DMO/NOAA
National Oceanic and Atmospheric Administration, Seattle, WA, USA
- 1992 Advanced Studies in Sports, Sciences and Techniques – DESS
University of Provence, Faculty of Sciences, Marseille, France
- 1988 Advanced Studies in Behavioral and Cognitive Neurosciences – CEA
National Centre for Scientific Research (CNRS) & Univ. of Provence, Marseille, France
- 1988 Advanced Studies in Space Technology and Techniques – DESS
University of Aix-Marseille II, Institute of Fluid Mechanics & CNRS, Marseille, France
- 1986 Occupational Medicine and Ergonomics – CES
University of Aix-Marseille II, Faculty of Medicine, Marseille, France
- 1985 Aeronautics and Space Medicine – CES
University of Aix-Marseille II, Faculty of Medicine, Marseille, France
- 1985 Sports Biology and Medicine – CES
University of Aix-Marseille II, Faculty of Medicine, Marseille, France
- 1985 Merchant Navy Medical Officer – CBP
University of Aix-Marseille II, Faculty of Medicine & Ministry of Transportation, Paris, France

STATE AND UNIVERSITY MEDICAL & SCIENTIFIC DEGREES

- 2010 Diving Medical Officer – DMO/NOAA
National Oceanic and Atmospheric Administration, Seattle, WA, USA
- 1988 CEA/PhD in Advanced Studies in Behavioral and Cognitive Neurosciences
National Centre for Scientific Research (CNRS) & University of Provence, Marseille, France
- 1985 CES in Aeronautics and Space Medicine
University of Aix-Marseille II, Faculty of Medicine, Marseille, France
- 1985 CES in Sports Biology and Medicine
University of Aix-Marseille II, Faculty of Medicine, Marseille, France
- 1985 CBP of Merchant Navy Medical Officer
University of Aix-Marseille II, Faculty of Medicine & Ministry of Transportation, Paris, France
- 1984 MD - Medical Doctor, with Special Honors, State Degree, France
University of Aix-Marseille II, Faculty of Medicine, Marseille, France
- 1983 Diploma, Traditional Chinese Medicine & Acupuncture
University of Aix-Marseille II, Faculty of Medicine & Centre d'Enseignement d'Acupuncture Traditionnelle (CEDAT), Marseille, France
- 1983 Diploma, Medical Homeopathy
University of Aix-Marseille II, Faculty of Medicine & Institut National d'Homéopathie Français, Paris
- 1981 Certificate, Sport Physiology & Medicine
University of Aix-Marseille II, Faculty of Medicine, Marseille, France

SUPPLEMENTAL COMPETENCES, TECHNIQUES AND KEY CONTINUING EDUCATION

Mar 10, 2010	Peak Performance Conference - <i>Heart & Lung Institute, St Paul Hospital, Vancouver, BC, Canada</i>
April 24, 2009	Dr. Bethune Presentation on Med-Care in Canada and China - <i>Chinese Canadian Health Alliance, Burnaby</i>
	2010 43 rd Undersea & Hyperbaric Medicine Society Conference, Annual Scientific Meeting, St Pete Beach, FL, USA
Sept. - Oct., 2010	Acupoint Injection Therapy Course (60 hrs), by James E. Williams, OMD, FAAIM, Medical School, University of Miami - <i>Society for Acupoint Injection Therapy, Coquitlam, BC, Canada</i>
Jan, 2010	Safety Director for Hyperbaric Operations and Premises, <i>ATMO, San Antonio, TX, USA</i>
Sept 26-27, 2009	Advanced Traumatology Workshop, Prof. Kao Tsung-Kuei - <i>QATCMA Seminar Series, Vancouver, BC</i>
June – Nov. 2006	Prolotherapy, <i>Naturopathic Academy of Therapeutic Injection, Phoenix, AZ, USA</i>
Feb 12-13, 2004	EDxTM Level III Training, <i>Neuropsychology Seminar, Fred Gallo, Ph.D., Vancouver, BC, Canada</i>
April 6, 2002	Thought Field Therapy, Emotional Freedom Techniques, <i>CE Neuropsychology Seminar, Dr. Lee Pulos, Ph.D., R.Psych., Vancouver, BC, Canada</i>
1985 - Present	Legal Medicine & Court Witness Training, <i>Faculty of Medicine, University of Aix-Marseille II, Marseille, France + CE seminars and workshops, Europe, North America & Asia</i>
1984 - Present	Aerospace Medicine & Technology, <i>CE seminars and workshops, Europe, North America & Asia</i>
1984 - Present	Neuroscience Applied to Traumatology, <i>CE seminars and workshops, Europe, Canada & USA</i>
1984 – 1994	Auriculotherapy & Auricular Medicine, <i>Groupe Lyonnais d'Etudes Medicales, CE seminars and workshops with Dr. Paul Nogier, MD, France</i>
1983 - Present	Oriental & Western Medical Acupuncture Techniques, <i>CE seminars and workshops, Europe, North America & Asia</i>
1983 - 1994	Acupuncture & Endonasal Cranial Neural Stimulation, <i>University of Aix-Marseille II, Faculty of Medicine & Centre d'Enseignement d'Acupuncture Traditionnelle (CEDAT), Marseille, France</i>
1981 - Present	Mesotherapy Techniques, <i>Dr. Pistor's Semimar Series, Société Française de Mésothérapie, France</i>
1981 - 1993	Aerospace Industry & Flight Test Operations – Flight Experimenter - Astronaut training and operations, <i>Flight Test Center/Centre d'Essais en Vol (CEV), France</i>

QUALIFICATION, LICENSURE & CERTIFICATION

2010	Qualification Diploma, <u>Diving Medical Officer – DMO/NOAA</u> - <i>National Oceanic and Atmospheric Administration, Seattle, WA, USA</i>
2010	Certification, <u>Safety Director, Hyperbaric Operations and Premises</u> - <i>ATMO, San Antonio, TX, USA</i>
June 2006 - Present	Qualification Diploma, <u>Prolotherapy</u> , <i>Naturopathic Academy of Therapeutic Injection, Phoenix, AZ, USA</i>
2004	Qualification Diploma, <u>Neuropsychology - EDxTM Level III</u> , <i>Fred Gallo, PhD</i>
2003 - Present	Certification, <u>Registered Rehabilitation Professional</u> , <i>Canadian Association of Rehabilitation Professionals/Vocational & Rehabilitation Association, Canada</i>
2001 - Present	Licensure, <u>Registered Acupuncturist</u> , <i>College of TCM Practitioners and Acupuncturists of BC, Canada</i>
March 1999	Certification, <i>College of Naturopathic Physicians of B.C., Vancouver, B.C., Canada</i> , “ <u>Certifies that the “NeuroKinetics™ [methodology and practice] is approved as an acceptable naturopathic technique”</u> ”
Sept. 1997 to present	Licensure, <u>Founder, President & CEO, NeuroKinetics Health Services (B.C.), Inc.</u> , <i>Ministry for Industry, Victoria, B.C. Canada</i>
April – Sept. 1995	Licensure, <u>Fellow MD</u> , <i>University of BC & Vancouver General Hospital, Vancouver, B.C., Canada</i>
1991 – 1995	Licensure, <u>Physician</u> , <i>Extended to European Economic Community, EEC</i>
1981 – 1995	Licensure, <u>Physician</u> , <i>National, Regional and Departmental Colleges of Physicians and Surgeons, France</i>
1984-1995	Licensure, <u>Flight Surgeon</u> , <i>French Air Force and Test Flight Operations (DGA)</i>
1993	Qualification Diploma, <u>Advanced Military Medical Studies (ORASM)</u> , <i>Military Academy, Paris, France</i>
1989	Qualification Diploma, <u>Military Medical Studies (ORASM)</u> , <i>Military Academy, Paris, France</i>

1995 Licensure, Naval Surgeon & Medical Officer for the Navy, *French Navy, France*
 1981 - 1993 Licensure, Flight Experimenter, *Flight Test Center/Centre d'Essais en Vol (CEV), France*
 1981 Qualification Diploma, Mesotherapy Techniques, *Dr. Pistor, Société Française de Mésothérapie, France*

ACADEMIC HISTORY

UNIVERSITY AND COLLEGE APPOINTMENTS

2007 - Present Adjunct Professor, *School of Engineering Sciences, Simon Fraser University, Burnaby, BC, Canada*
 2006 - present Research Associate, *Aerospace Physiol. Lab., Biomed. Physiol. and Kinesiol Dept., SFU, Burnaby, BC*
 1999 - Present Adjunct Professor, *National College of Naturopathic Medicine, Portland, OR, USA*
 1998 - 1999 Associate Professor, *Mission Beijing College of Chinese Medicine, Vancouver, BC, Canada*
 1998 Lecturer in Human Factors Management & Ergonomics, *School of Architecture, UBC, Vancouver, BC*
 April – Sept 1995 Medical Fellowship, *ENT Division, Vancouver General Hospital, Faculty of Medicine, UBC, Vancouver, BC, Canada* (extended to December 1995)
 1985 – 1994 Lecturer/Assistant Professor in Medicine, Physiology & Neurophysiology, *Faculty of Medicine, University of Aix-Marseille II, Marseille, France*
 1990 Lecturer in Medicine of Performance, *National Institute of Sports and Physical Education, Ministry of Education, Youth & Sports, Paris, France*
 1986 – 1987 Research Assistant & Medical Investigator, *in charge of the Space Medicine Laboratory, Toulouse University Hospital & National Centre for Space Studies (CNES), France*
 1986 – 1987 Attending Physician, *Hotel-Dieu University Hospital, Marseille, France*
 1979 – 1984 Internship, Assistant & Attending Physician, *Sports Medicine Regional Center, Marseille, France*

HOSPITAL APPOINTMENTS

1986 – 1987 Research Assistant & Attending Physician,
Neurology (EEG & EMG), Hôtel-Dieu University Hospital, Marseille, France
 1983 – 1984 Residency,
Geriatrics, Aix-en-Provence General Hospital, Aix-en-Provence, France
 1982 – 1983 Internship,
Neurology & Traumatology, (EEG & EMG), Laveran Military Hospital, Marseille

THESIS DIRECTION, MENTORSHIP AND EXTERNAL EXAMINER

2010 Thesis for Master's Degree in Engineering Sciences, **“final title undetermined”**, Amanmeet Garg, B. Eng., M.Sc.(C) - *Aerospace Physiol. Lab., Biomed. Physiol. and Kinesiol Dept., SFU, Burnaby, BC, Canada*
 2009-2010 Thesis for Master's Degree in Engineering Sciences, **“Stochastic Analysis of Motor Control Stability and Other Preventive Measures for Falls”**, Clinton Landrock, B. Eng., M.Sc.(C) - *School of Engineering Sciences, Simon Fraser University, Burnaby, BC, Canada*
 1993 Thesis for Sports Biology and Medicine Degree, **“Current Medical Follow-up of Highly Experienced Skydivers”**, Dr. Ghislaine Judalet, MD, *Medical School, University of Angers, France, EEC*
 1992 Thesis for Master's Degree in Mathematics, **“Mathematic Modeling in Posturology. The Beginning of Coherence Between Some Measurable Concepts”**, M. Auguy, M.Sc.(C) and S. Gourdet, M.Sc.(C), *Department of Mathematics, University of Provence, Marseille, France, EEC*
 1991 Thesis for Sports Biology and Medicine Degree, **“The Study of Accidents in the Sport of Paragliding”**, Dr. Pierre Herrmann, MD, *Faculty of Medicine, University of Montpellier, France, EEC*

- 1990 Thesis for Master's Degree in Computer Sciences (DUII), "Specification Proposal for a Computer Program as an Aid for Medical Diagnosis to be Used in Posturology", Mr. Hervé Garfagni, M.Sc.(C), LERSI, Faculty of Sciences, University of Provence, Marseille, France, EEC
- 1989 Thesis for Bachelor of Science Degree, "Motor Learning in Display Skydiving", Captain Bruno Philipponat, B.Sc.(C), World Skydiving Championship, Gold Medal winner, Faculty of Sciences, University of Aix- Marseille II, Marseille, France, EEC

TEACHING RESPONSIBILITIES

- 2009 – Present Academic Mentorship, Aerospace Physiology Lab., Biomedical Physiol. & Kinesiol Dept., SFU, Canada
- 2007 – 2009 Adjunct Professor, School of Engineering Sciences, Simon Fraser University, Burnaby, BC, Canada
- 1999 – Present Adjunct Professor, National College of Naturopathic Medicine, Portland, OR, USA
- 2004 – Present Co-Director, Pacific Coast TCM and Acupuncture Institute for Advanced Techniques, Inc., Vancouver, BC
- 1999 – Present Preceptorship & Residency Programs, National College of Naturopathic Medicine, Portland, OR, USA
- 1998 – 1999 TCM Theory and Acupuncture, Mission-Beijing College, Vancouver, BC, Canada
- 1997 – Present Medical Neurophysiology, NeuroKinetics Health Services Inc., Vancouver, BC, Canada
- 1996 Medical Neurophysiology, NeuroBionics Health Centres Inc., Vancouver, BC, Canada
- 1989 – 1995 Medical Neurophysiology, Rheumatology Division, Medical School, University of Aix-Marseille II
- 1985 – 1995 Aerospace Medicine & Neurophysiology & In-Flight Operations Instruction, Aerospace Medicine & Neurophysiology Division, Faculty of Medicine, University of Aix-Marseille II, France
- 1987 – 1995 Sports Medicine & In-Flight Operations Instruction, Respiratory Physiology Laboratory, Faculty of Medicine, University of Aix-Marseille II, France
- 1992 – 1994 Survival Biology (including In-Flight Operations Instruction), Respiratory Physiology Laboratory, Faculty of Medicine, University of Aix-Marseille II, France
- 1987 – 1994 Aerospace Medicine, Neurophysiology & Ergonomics, Flight Test Pilots School, Istres AFB, France
- 1991 – 1994 Medical Neurophysiology, Tropical Medicine Research & Training Centre, Faculty of Medicine, University of Aix-Marseille II, France
- 1992 – 1993 Aerospace Medicine, Neurophysiology & Ergonomics, MSA-Méditerranée Service Aéronautique (Helicopter Flight Academy), Marseille Int'l Airport, Fra.
- 1990 Medicine & Physiology, National Institute for Sports & Physical Education & French Sport Parachuting Federation, Paris, France

THEMATIC LECTURES, SEMINARS & WORKSHOPS

- October 7, 2010 "We Were Meant to Move – Being Engaged in Life" – Souvestre, P.A., Lecture, University Women's Club of Vancouver, Vancouver, BC, Canada
- Feb. 7, 2010 "The 7th WFAS [World Federation of Acupuncture Societies] 2009 World Congress of November 5-7, 2009, Strasbourg, France" - Souvestre, P.A., Report, QATCMA Seminar Series, Vancouver, BC, Canada
- 2007 "Collecting Blood Specimens by Venipuncture According to Acupuncture and TCM Paradigms" - Souvestre, P.A., Taylor A.R., Pacific Coast TCM and Acupuncture Institute For Advanced Techniques, Inc. Vancouver, BC, Canada
- 2006 - 2007 "Lipo-dissolve and Regeneration Injection Techniques According to TCM and Acupuncture Paradigms" - Souvestre, P.A., Taylor A.R., Pacific Coast TCM and Acupuncture Institute For Advanced Techniques, Inc. Vancouver, BC, Canada
- 2004 - 2007 "Advanced Injection Techniques According to Acupuncture and TCM Paradigms, Part B" - Souvestre, P.A., Taylor A.R., Pacific Coast TCM and Acupuncture Institute For Advanced Techniques, Inc., Vancouver, BC, Canada
- 2004 - 2007 "Advanced Injection Techniques According to Acupuncture and TCM Paradigms, Part A" - Souvestre, P.A., Taylor A.R., Pacific Coast TCM and Acupuncture Institute For Advanced Techniques, Inc. Vancouver, BC, Canada

- 2004 - 2007 *“Basic Injection Techniques According to Acupuncture and TCM Paradigms”* - **Souvestre, P.A.**, Taylor A.R., Pacific Coast TCM and Acupuncture Institute For Advanced Techniques, Inc. Vancouver, BC, Canada
- Dec 5, 2004 *“Review and Rationale on Injection Techniques According to TCM Paradigms”* - **Souvestre, P.A.**, Taylor A.R., Pacific Coast TCM and Acupuncture Institute For Advanced Techniques, Inc. Vancouver, BC, Canada
- 1991 - 1993 *“Introduction to Biophotonics: Review, Interest and Applications in General Medical Practice – The BioRégulateur Externe® and its Phenomenology”* - **Souvestre, P.A.**, Centre de Traumatologie & Neurophysiologie Clinique, Marseille, France

NATIONAL & INTERNATIONAL KEY NOTE & GUEST LECTURES – SPECIAL PRESENTATIONS

- May 30, 2010 *“The Parkinson’s Patient: Disease, Syndrome, or Parkinsonism? Fundamentals, Classics and Updates”* - **Souvestre P.A.**, NeuroKinetics Institute, Vancouver, BC, Canada, for the National Traditional Chinese Medicine Association of Canada
- May 19, 2010 *“NeuroKinetics™ Health Services (B.C.), Inc. - A Leader in Providing Performance Optimization & Advanced Medical Health Care Since 1987”*. Mick Matheusik, Reiner Rothe, Diana Pederson, **Souvestre P.A.**, BC Health Ministry, Parliament Building, Victoria BC, Canada
- April 19, 2010 *“State of the Art Practice of Acupuncture Point Injection Techniques. 2004/2010 Facts & Progress Review”*. **Souvestre, P.A.**, The 2010 TCM Vancouver Forum, Vancouver, BC, Canada
- April 28-30, 2010 *“Blending Neuroscience and Naturopathic Medicine - A Multidisciplinary Integrative Approach to Human Incapacitation and Performance Recovery”*. **Souvestre P.A.**, - The 2010 Okanagan BrainTrust Canada Conference, Naramata, BC, Canada
- April 28-30, 2010 *“An Integrated Approach to Understanding and Preventing Falls”*. **Souvestre P.A.**, The 2010 Okanagan BrainTrust Canada Conference, Naramata, BC, Canada
- November 12, 2009 *“From Injury to Assessment and Treatment – “Innovative Medical Approach to Sensory-Motor and related Cognitive Controls Dysfunction and “CardioPost” Integrative Model”*. **Souvestre, P.A.**, - EUROMOV, Prof. Bardy team, University of Montpellier, France
- November 09, 2009 *“A Multidisciplinary Approach to Human Incapacitation and Performance - A Medical Approach to Sensory-Motor Controls Dysfunction From Injury to Assessment and Treatment”*. **Souvestre, P.A.**, Blaber A.P. – Laboratory for Cognitive Neurosciences (Prof. Alain Berthoz), Collège de France, Paris, France
- July 2008 *“A Multidisciplinary Approach to Human Incapacitation and Performance”* – **Souvestre, P.A.**, Keynote lectures, Inter departments seminars, Guang AnMen Hospital, Beijing, China
- May 26, 2008 *“A Multidisciplinary Approach to Human Incapacitation and Performance”* – **Souvestre P.A.**, Communication, BC Life Sciences Research and Innovation Summit, BC Pavilion, Beijing, China
- May 3, 2008 *“The Practice of Sports Acupuncture - Key Paradigms to Leverage Human Performance”* - **Souvestre P.A.**, Seminar, Canadian Memorial Chiropractic College, Toronto, ON, Canada
- Sept 2007 *“A Multidisciplinary Approach to Human Incapacitation and Performance”* – **Souvestre P.A.**, Keynote lecture, School of Aerospace, Tsinghua University, Beijing, China
- Sept 2007 *“New Paradigms in Trauma Neurophysiology – Application to Human Performance and Motion Space Sickness”*. **Souvestre, P.A.**, - Aerosp. Biodynamics Dept, Fourth Military Medical University, Xi’an, China
- May 20, 2007 *“MSP Coverage for TCM Acupuncture in BC”* Cheung M., Hu H., Lee J., **Souvestre P.A.**, Vallee C. - Communication, Provincial Government of BC, Medical Caucus, Victoria, BC.
- May 12, 2007 *“On the Review and Rationale of the Practice of Legitimate Medical Techniques According to TCM - Oriental Medicine & TCM – Oriental - European Acupuncture Paradigms In respect to the Regulation of the TCM and Acupuncture Scope of Practice”*. **Souvestre P.A.**, Key note Presentation, Chairperson’s Reception, CTCMA of BC, Vancouver, Canada

- Nov 22-23, 2005 “Human Performance and Safety in Military and Flight Operations. Neurophysiological Considerations on Night Vision Technology” - Communication, **Souvestre, P.A.**, Landrock C.K – Night Vision Seminar, Dept of National Defense, CFB Comox, Canada
- March 2001 “On Occupational Injury & Recovery Maximization - NKHS Updated Statistics from Vancouver, BC, Canada” – **Souvestre P.A.**, Lecture, Association des Services Médicaux du Travail, Bâtiment & Travaux Publics des Bouches du Rhône, Aix en Provence, France
- May 1999 “From Health To Illness. Journey Towards NeuroKinetics” – **Souvestre P.A.**, Keynote lecture, Association of Complementary Physicians of BC, AGM, Vancouver, BC, Canada
- Sept 5-7, 1996 “From Neurophysiology To Naturopathic Medicine” – **Souvestre P.A.**, Keynote lecture, American Naturopathic Medical Association, AGM, Las Vegas, Nevada, USA
- March 22, 1996 “How to Integrate Neurophysiological Concepts into Naturopathic Medicine” – **Souvestre P.A.**, Keynote lecture, British Columbia Naturopathic Physicians Association, AGM, Vancouver, BC, Canada
- Sept 29-30, 1995 “Icarus’ Flight or the Study of Some Hypoxia Consequences in High Altitude Soaring Flight” – **Souvestre P.A.**, Key note lecture, Annual Civil Aviation Medicine Seminar, Calgary, AB, Canada
- Jan 8, 1995 “Posturology and Neurophysiology” – **Souvestre P.A.**, Keynote lecture, Association de Posturologie Internationale, AGM, Paris, France
- 1993 “About Mathematical Modeling in Physiology” – **Souvestre P.A.**, Keynote lecture, Faculty of Sciences, Mathematics Division, University of Aix-Marseille I, Marseille, France
- Dec 1993 “On Some Medical and Clinical Applications of Sensory-Motor Neurophysiology” – **Souvestre P.A.**, Keynote lecture, Securité Sociale (National Medical Social Plan), Medical Conference, Marseille, France
- June 1993 “On the Physiopathology of the Postural System” – **Souvestre P.A.**, Keynote lecture, Prof H. Da Cunha, Faculty of Medicine, Santa- Maria Hospital, Rehab & Physical Medicine Division, University of Lisbon, Lisbon, Portugal, EEC
- Sept 1987 “Medico-physiological monitoring & living conditions aboard Spacecrafts” – **Souvestre P.A.**, Lecture, South Eastern Region Medical Doctor Continuing Education Conference, Aubagne, France, EEC
- 1986 “On the Physiopathogenic Characteristics of Sustained High-Level Accelerations” – **Souvestre P.A.**, Keynote lecture, Department of Physiology and Aerospace Medicine, Faculty of Medicine, University of Nancy, France, EEC
- Dec 1986 “The Influence of Sustained High Level Gz+ Forces on Some Cardio-Vascular and Biological Parameters in Flight Test Operations” – **Souvestre P.A.**, Keynote lecture, Occupational Medicine & Ergonomics Society of Provence-Côte d’Azur-Corsica, AGM, Marseille, France, EEC
- Dec 1985 “In Flight Deceptive Sensory Signals” - **Souvestre P.A.**, Seminar, NeuroPhysiology & NeuroPsychology Institute, CNRS, Marseille, France, EEC
- Oct 1985 “Problems Caused by Gz+ Forces on-board New Generation Fighter Aircraft” – **Souvestre P.A.**, Lecture, South-East Sports Medicine & Ergonomics Society, University of Aix-Marseilles II, Marseille, France
- 1980 – 1983 “On Physiology and Physiopathology – Understanding and Mindset” – **Souvestre P.A.**, Lecture, Nursing School, Social Services Academy of Provence, Marseille, France

PROFESSIONAL INSTITUTIONS AND SOCIETIES

MAJOR OFFICE & COMMITTEE ASSIGNMENTS

- 2010 *Founding and Honorary Member*, Society for Acupoint Therapy, White Rock, BC, Canada
- 2009 - Present *Board Director*, Health Action Network Society, BC, Canada – www.hans.org
- 2009 - Present *Executive Board Director*, BC Qualified Acupuncturists & Traditional Chinese Med. Association, Canada
- 2008 - Present *Peer reviewer*, AESCTE – Journal for Aerospace Science and Technology, USA
- 2008 - Present *Peer reviewer*, Science Program Committee, Aerospace Med. Association, Alexandria, USA
- 2008 - Present *Peer reviewer*, Behavioral Brain Research/Elsevier,
- 2008 - Present *Peer reviewer*, Nova Science Publishers, Inc., NY, USA
- 2008 - Present *Peer reviewer*, Disaster Advances, Indore, India
- 2006 - Present *Peer reviewer*, ICES – International Conferences on Environmental Systems, USA

2005 – 2007 *Vice Chair, College of Traditional Chinese Medicine Practitioners and Acupuncturists of BC, Canada*
 Nov - Dec 2003 *Interim Co-Registrar, College of Tradition. Chinese Medicine Practitioners and Acupuncturists of BC*
 2002 - Present *Executive Board Director (Professional Member), College of Traditional Chinese Medicine Practitioners and Acupuncturists of British Columbia (CTCMA), Burnaby, BC, Canada*
 2001 –2002 *Executive Board Director, BC Qualified Acupuncturists & Traditional Chinese Med. Association, Can.*
 1998 – 2001 *Executive Board Director, Canadian Acupuncturists & TCM Alliance of BC, Richmond, BC, Canada,*
 1985 – 1995 *Director, Performance Optimization Advisor, Medical Commission*
National Sport Parachuting Federation, Paris, France
 1988 – 1994 *Vice- President, MEDISPACE Research & Development Group, Paris, France*
 1988 – 1993 *Co-founder & President, Vice- President, ORION Medical Research Group, Marseille, France*
 1981 – 1985 *Medical Commission Member, National Rugby League Federation, Toulouse, France*
 1981 – 1985 *Medical Commission Member, French South-East Region Soccer League, Marseille, France*
 1981 – 1982 *Regional Delegate to the National Headquarters, Paris, “Medicus Mundi”, International Organization for Medical Cooperation, France*

MEMBERSHIP IN PROFESSIONAL SOCIETIES

2010 Undersea and Hyperbaric Medicine Society - www.uhms.org
 2008 – Present BC Life Sciences Society, *Vancouver, BC, Canada*
 2006 – Present SportsMed BC, *Vancouver, BC, Canada*
 2005 – Present Sports Acupuncture Society of British Columbia, *Vancouver, Canada*
 2005 – Present International Society for Posture and Gait Research (ISPGR) - www.ispgr.org
 2005 – Present Aerospace Medical Association (ASMA), *Alexandria, VA, USA* - www.asma.org
 2004 – Present Associate and Author, Society of Automotive Engineers, USA - www.sae.org
 2004 – Present Canadian Aeronautics and Space Institute , *Ottawa, ON, Canada* - www.casi.org
 2002 – Present SportMedBC, *Burnaby, BC, Canada* - www.sportsmedbc.org
 2001 - Present Aerospace Industry Association of British Columbia (AIABC), *Vancouver , BC, Canada* - www.aiabc.org
 2000 - Present B.C. Qualified Acupuncturists and TCM Practitioners Association, *Richmond, BC* – www.qatcma.org.
 2000 - Present BC Photonics Industry Association, *Vancouver , BC, Canada* - www.bcpia.org
 1998 - Present Canadian Complementary Medical Association, *Ottawa, ON, Canada* – www.ccm.org
 1998 - Present Association of Complementary Physicians of British Columbia, *Vancouver, BC, Canada* – www.acpbc.org
 1997 – 2000 Canadian Acupuncturists & TCM Alliance of British Columbia, *Vancouver, BC, Canada*
 1996 – 2000 United Acupuncturists Association of British Columbia, *Vancouver, BC, Canada*
 1996 – 2000 American Naturopathic Medical Association, *USA* – www.anma.org
 1996 – 1999 Canadian Association of Homeopathic Physicians, *Edmonton, AB, Canada* – www.cahp.org
 1991 - Present French Posturology Society, *Paris, France*
 1991 - Present International Brain Research Organization, *Paris, France*
 1989 – 2000 French Biomechanics Society, *Paris, France*
 1988 – 2000 International & French Neuroscience Societies, *Paris, France*
 1988 – 2000 International & French Aeronautics and Astronautics Societies, *Paris, France*
 1987 – 2000 French Maritime and Aeronautical Techniques Society, *Paris, France*
 1985 – 2000 French South-East Sports Medicine and Ergonomics Society, *Marseille, France*
 1985 – 2000 French Sports Medicine Society, *Paris, France*
 1984 – 2000 French Aerospace Medicine Society, *Paris, France*

MAJOR CONSULTANCIES AND VISITING APPOINTMENTS

2005 - 2008	<i>Medical Expert Consultant to the Institute for Aerospace Research / Flight Research Centre, <u>National Research Council</u>, Ottawa, ON, Canada</i>
1996	<i>Visiting Medical Scientist, <u>BC Research Inc, UBC Campus</u>, Vancouver, BC, Canada</i>
1996	<i>Medical Consultant, <u>Dynawave Medical Technologies Inc.</u>, Vancouver, BC, Canada</i>
1984 – 1993	<i>Medical Consultant, <u>Dassault Aviation Flight Test Division</u>, Istres AFB, France</i>
1991	<i>Visiting Medical Officer, <u>Aircraft-Carrier “Clémenceau”</u>, French Navy & Flight Test Ops , France</i>

MAJOR ADMINISTRATIVE RESPONSIBILITIES

2009 - Present	<i>Chair, Governance Committee, B.C. Qualified Acupuncturists and TCM Practitioners Association</i>
2002 – 2003	<i>Vice-President & Tow Pilot Director, <u>Vancouver Soaring Association</u>, Vancouver, BC, Canada</i>
1998	<i>Board Director, <u>The French Chamber of Commerce in Canada</u>, Vancouver, BC, Canada</i>
1997 - Present	<i>President, Director of Programs & Research, <u>NeuroKinetics Health Services Inc.</u>, Vancouver, BC</i>
1996	<i>Medical Director, <u>NeuroBionics Health Centres Inc.</u>, Vancouver, BC, Canada</i>
1995 – 1996	<i>Medical Director, <u>Pacific NeuroTech Inc.</u>, Vancouver, BC, Canada</i>
1991 – 1995	<i>Founder & Director, <u>Traumatology and Clinical Neurophysiology Centre</u>, (specific assessments & treatments for post-trauma sensory-motor and cognitive disorders in Aerospace, Sports, Transportation, and Legal and Occupational Medicine), Marseille, France</i>
Feb 1993	<i>Co-Chairman, “Postural Studies”, <u>Joint Annual Scientific Symposium</u>, Neurophysiology Institute, CNRS, <u>French Occupational Medicine Society & French Neurosciences Society</u>, Marseille, France</i>
1988 – 1995	<i>Vice- President, <u>MEDISPACE Research & Development Group</u>, Paris, France</i>
1988 – 1993	<i>Co-founder & President, Vice- President, <u>ORION Medical Research Group</u>, Marseille, France</i>
1988 – 1991	<i>Medical Director, <u>CRITT Mesure & Qualité</u>, “BRE[®] program” development of patented central neurophysiological stimulators specific to correction of brain dysfunction causing balance and ocular-visual disabilities and to posture and gait performance maximization”, Toulon, France</i>
1984 – 1986	<i>Director, <u>Institute for Environmental Medicine</u>, Laboratory of Physiology, Prof. J. Corriol, Faculty of Medicine, University of Aix-Marseille II, Marseille, France</i>

OTHER PROFESSIONAL EXPERTISE, SERVICES AND POSITIONS

2008 - Present	<i>Member, Peer Review & Scientific Program Panel, Aerospace Medical Association, DC, USA</i>
2004 – Present	<i>Member, <u>International Academy of Astronautics (IAA) Study Group 2.2 on Artificial Gravity</u>, Paris</i>
1987 – 1990	<i>Flight Surgeon (ORASM) and In-Flight Experimenter, <u>French Air Force & Flight Test Center</u>, Istres AFB</i>
1985 – 1986	<i>Medical Officer, <u>Merchant Navy</u>, with the <u>National Maritime Company</u>, France</i>
1989 – 1995	<i>Medical Director of Performance Maximization <u>National Sport Parachuting Federation</u>, National Skydiving Teams, and Olympic Athletes, France</i>
1985 – 1995	<i>Flight Surgeon (ORASM), <u>French Air Force Health Service</u>, France</i>
1987 – 1995	<i>MD, <u>Medical Practice in Medical Neurophysiology (applied to Traumatology, Sport, Occupational and Aerospace Medicine) combined with TCM, Acupuncture, and Homeopathy</u>, Marseille, France</i>
1984 – 1987	<i>“Locum tenens” MD, <u>General Practice (combining Western medicine & TCM, Acupuncture, and Homeopathy)</u>, France</i>

MAJOR RESEARCH INTERESTS

MEDICINE & TRAUMATOLOGY	Postural Deficiency Syndrome ★ Concussion Pathogenesis ★ Chronic Plateaued Resisting Conditions ★ Soft Tissue Injury ★ Head Injury Recovery Pattern ★ Dizziness – Balance Disorder Patterns and Correction ★ Fall Prevention & Accident Proneness ★ Fibromyalgia and neurological syndromes
OCCUPATIONAL MEDICINE	Risk Prevention, Safety & Human Performance Factors Maximization vs. “Ideal Ergonomics” ★ Hazard Occurrence vs. Dexterity & Space Control ★ Accident Proneness Detection
SPORTS MEDICINE	Visual-Postural Skills ★ Balance Control & Complex Skills ★ Dexterity & Space Control
AEROSPACE MEDICINE	Human Factors & Ergonomics ★ Orientation in Space & Trajectory Control ★ Complex Skills & Gravity Change ★ Adaptive Operation Strategies to Low and High Altitude
NEUROSCIENCES	Posture & Gait Analysis ★ Balance dysfunction ★ Visual-Postural Strategies ★ Hand-Eye Coordination & Space Control ★ Dyslaterality ★ Loss of Coordination & Sensory-Motor Strategies ★ Sensory-Motor Controls & Misperception of Body-Space Interface ★ Sensory-Motor Controls and Sensory Cognitive Integration ★ Biophotonics and CNS Interactions - Brain Structures
RESEARCH THESIS CEA/PHD - 1988 NEUROSCIENCES	<i>“A Contribution to Confirm a Simulated Microgravity Model Evaluation of Stress in a Hung Rat; Morey and Holton’s Model”</i> . Dissertation for the <u>Certificate of Advanced Studies in Cognitive and Behavioral Neurosciences</u> , CNRS - National Centre for Scientific Research, Marseille, France
RESEARCH THESIS SPORTS MED - 1985	<i>“The Study of Accidents in Sport Parachuting. New Problems Caused by Developments in Technology, Techniques and Instruction”</i> . Dissertation for the <u>Post-Doctorate Degree in Sports Biology and Medicine Specialty</u> , Faculty of Medicine, University of Aix-Marseille II, Marseille, France
RESEARCH THESIS AERO MED - 1984	<i>“The Influence of Sustained High Level Gz+ Forces on Some Cardio-Vascular and Biological Parameters in Flight Test Operations”</i> . Dissertation for the <u>Post-Doctorate Degree in Aeronautics & Space Medicine Specialty</u> , Faculty of Medicine, University of Aix-Marseille II, Marseille, France

RESEARCH GRANTS AWARDED

2007	<i>Principal Investigator</i> <u>B.C. Provincial Government’s Information, Science & Technology Agency</u> , National Research Council of Canada Industrial Research Assistance Program (IRAP), “Testing the Efficacy of Passive Biophotonic Stimulation Applied to the Soles of the Feet of Adult Hockey Players to Enhance Postural Control: A Proof of Principle.” , IRAP Project, NeuroKinetics Health Services (B.C.) Inc., Vancouver, BC, Canada
2000	<i>Principal Investigator</i> <u>B.C. Provincial Government’s Information, Science & Technology Agency, National Research Council Canada</u> , “Dynamic Ocular Visual Monitoring System Enhancement (DOVMS)” , IRAP Project, NeuroKinetics Health Services (B.C.) Inc., Vancouver, BC, Canada
1999	<i>Principal Investigator</i> <u>Provincial Government’s Information, Science & Technology Agency, National Research Council Canada</u> , “Dynamic Ocular Visual Monitoring System (DOVMS)” , IRAP Project, NeuroKinetics Health Services (B.C.) Inc., Vancouver, BC, Canada
1994	<i>Principal Investigator</i> , <u>“Electricité de France” (EDF) National Company, Medical Department (CCAS)</u> , “Visual-Postural Skills and Hypoxia in High Altitude Soaring Flight” , Traumatology and Neurophysiology Centre, Marseille, France

- 1994 *Principal Investigator,*
BOIRON Laboratories, France, “**Specific High-Diluted Substances and Visual-Postural Changes**”,
Traumatology and Neurophysiology Centre, Marseille, France
- 1981 *Principal Investigator,*
ANPHAR-ROLLAND Laboratories, France, “**The Use of Sedalpan in a Regional Sports Medicine Centre**”, Sports Medicine Centre, University of Aix-Marseille II, Marseille, France

PRESENTATIONS AT PROVINCIAL, NATIONAL AND INTERNATIONAL CONVENTIONS

- June 15-17, 2010 “*Plantar biophotonic stimulation improves ocular-motor and postural control in motor vehicle accident patients*”. Garg, A., Bruner, M., **Souvestre P.A.**, Blaber A.P. – Oral, 33rd Canadian Medical and Biological Engineering Society Conference, Vancouver, BC, Canada
- May 3-7, 2010 “*Biophotonics - An Innovative Prognostic Tool. Countermeasure for In-Flight Incapacitation Associated with Central Sensory-Motor Controls Dysfunction*”. **Souvestre, P.A.**, Blaber A.P, Landrock C.K. – Oral, 81st Annual Scientific Conference, American Aerospace Medical Association AGM, Phoenix, AZ, USA
- Feb 26-28, 2010 “*Can Loss of Spatial Reference Link Concussion to Both Anxiety and Gait Disorders? Introducing a Predictive Integrative Assessment Model*”. **Souvestre P.A.**, Garg A, Blaber AP. Poster, 3rd Int’l Congress Gait & Mental Functions, Washington, DC, USA
- Nov 12-15, 2009 “*Cardio-postural interactions: Wavelet analysis of gastrocnemius electromyographic activity and blood pressure variation with respect to postural sway during quiet stance*”. Blaber A.P. Garg, A., **Souvestre P.A.**, Oral, Federation of European Physiological Societies Meeting, Ljubljana, Slovenia
- July 23-25, 2009 “*Relationship between Gastrocnemius Electromyographic Activity and Blood Pressure Variation with respect to Postural Sway during Quiet Stance*”. Garg, A., **Souvestre P.A.**, Robinovitch S.N., Blaber A.P. Poster, Progress in Motor Control VI, Marseille, France, EEC
- May 3-7, 2009 “*New Approach to In-Flight Incapacitation Occurrence - A Correlation with Two Classic Trauma Models: Post Traumatic Stress Disorder (PTSD) & Postural Deficiency Syndrome (PDS)*”, **Souvestre, P.A.**, Blaber A.P, Landrock C.K. – Oral, 80th Annual Scientific Conference, American Aerospace Medical Association AGM, Los Angeles, CA, USA
- August 24 – 26, 2008 “*Predicting Trauma Recovery Gain – Use of Biophotonics to Identify Dysfunction Reversibility in Central Sensory-Motor Controls and related Cognition*”, **Souvestre, P.A.**, Jin Zhen, Liu Gang, Clinton K. Landrock, Oral, 6th Asian Pacific Aerosp. Med. Conf., Xi’An, PRC
- May, 2008 “*New Paradigm for Understanding In-Flight Physiological and Cognitive Deterioration – Brain Hypoxia Links to a Neurophysiological Trauma Mode*”, Blaber A.P, **Souvestre, P.A.**, Landrock C.K. – Poster, American Aerospace Medical Association AGM, Boston, USA
- April 4 – 6 , 2008 “*Cardio-Postural Interactions and Aging*”, Blaber A.P, **Souvestre, P.A.**, Landrock C.K., Experimental Biology 2008, San Diego, USA
- Feb 26, 2008 “*Measuring Open and Close Loop Strategies of Postural Control in Amateur Hockey Players*”, Landrock C.K., Blaber A.P, **Souvestre, P.A.**,– Poster, Western Canadian Conference on Environmental Ergonomics and Physiology, SFU, Burnaby, BC, Canada
- Feb 26, 2008 “*Reducing In-Flight Incapacitation – New Paradigm to Leverage Human Performance By Sustaining Space Perceptuality and Balance Control*”, **Souvestre, P.A.**, Blaber A.P., Landrock C.K. – Oral, Western Canadian Conference on Environmental Ergonomics and Physiology, SFU, Burnaby BC
- Aug 29 - Sept 3, 2007 “*New Paradigm for Understanding In-Flight Decision Making Errors – A Neurophysiological Model Leveraging Human Factors*”, **Souvestre, P.A.**, Blaber A.P., Landrock C.K. – Oral, Paper, 5th GASMA International Meeting of Aerospace Medicine, Skiathos, Greece, EEC
- Aug 29 - Sept 2, 2007 “*Reducing Incapacitating Symptoms during Space Flight – Is Postural Deficiency Syndrome an Applicable Model?*”, **Souvestre, P.A.**, Blaber A.P., Landrock C.K.– Oral, Paper, 5th GASMA International Meeting of Aerospace Medicine, Skiathos, Greece

- Aug 29 - Sept 3, 2007 *“Integrative Sensory-Motor Controls Status Assessment Methodology – Proposed Applications in Aerospace”*, **Souvestre, P.A.**, Blaber A.P., Landrock C.K.– Poster, 5th GASMA International Meeting of Aerospace Medicine, Skiathos, Greece
- May 26 ,2007 *“Interdisciplinary Teams Working with Chronic Resisting Conditions: From Medical Research to Clinical Practice”*, Landrock C., **Souvestre P.A.**, - Poster, Body Heals Conference, Assoc. of Complimentary and Integrative Physicians, Victoria, BC
- May 26 ,2007 *“Interdisciplinary Teams & Treatment of Fibromyalgia – On 20 years of Consistent Success“*, **Souvestre, P.A.**, Landrock C. – Oral, Body Heals Conference, Assoc. of Complementary and Integrative Physicians of B.C., Victoria, BC, Canada
- May 20-24, 2007 *“Space Motion Sickness: The Neurophysiological Connection”*, **Souvestre, P.A.**, Blaber A.P., Landrock C.K. – Oral, 16th IAA Humans in Space Symposium, Beijing, P.R.China
- February 15-17, 2007 *“When Sensory Auditory Overload Leads to Mild TBI-Like Symptoms”*, **Souvestre P.A.**, Landrock C.K. – Oral, Paper, 20th Pacific Coast Brain Injury Conference & The National Conference on Brain Injury, Concurrent Presentation, published in conf. proceedings, Vancouver, BC, Canada.
- Sept 20-22, 2006 *“A Multimodal Experience in Combining Traditional Western and Oriental Medicine. Vision, Opportunities and Challenges”* – **Souvestre P.A.**, - Oral, 3rd International Congress of Traditional Medicine, Toronto, Canada
- June 21, 2006 *“Traumatic History and Balance and Dizziness Disorders”*, **Souvestre P.A.**, – Oral, Balance and Dizziness Disorder Society of BC, St. Paul’s Hospital, Vancouver, BC, Canada.
- June 2-3, 2006 *“Whiplash Associated Disorders and Patient Traumatic History: A Multi-Variable Correlation and its Clinical Significance”*, **Souvestre, P.A.**, Landrock C.K – Oral, Paper, International Whiplash Trauma Congress, 2006, Portland, OR, USA
- Oct 21-22, 2005 *“Should post-TBI Epilepsy be considered a Syndrome or a Disease? A Neurophysiological Model for Identifying Dysfunctional vs. Damage-related TBI Conditions”* **Souvestre, P.A.**, Landrock C.K – Poster, 19th Pacific Coast Brain Injury Conference, Canada’s Premier Conference on Brain Injury,
- Oct 21-22, 2005 *“Comparison of Two Therapeutic Models for TBI Induced Learning Disabilities”*, **Souvestre, P.A.**, Landrock C.K, Alderdice J. – Poster, 19th Pacific Coast Brain Injury Conference, Vancouver, BC
- Sept 23-25, 2005 *“Integration and Regulation of TCM Acupuncture in Western Medical and Health Care Systems. The French Experience”*, **Souvestre, P.A.**, – Oral, Traditional Chinese Medicine on Cancer Symposium, Canadian Cancer Society and College of TCM Practitioners and Acupuncturists of BC, Vancouver, BC
- July 11-14, 2005 *“Space Flight Biomedical Deterioration Prevention and Correction Using Biophotonic Technology”*, Landrock C.K (presenter), **Souvestre, P.A.**, – Oral, Paper, 35th International Conference on Environmental Systems (ICES) & European Symposium on Space Environmental Control Systems (ESSECS), Rome, Italy
- May 22-26, 2005 *“Biomedical-Performance Monitoring and Assessment of Astronauts by Means of an Ocular Vestibular Monitoring System”*, **Souvestre, P.A.**, Landrock C.K – Oral, Paper, 15th Humans in Space Symposium, International Academy of Astronautics (IAA), Graz, Austria
- May 22-26, 2005 *“Integrating Color, Light, and Human Factors with Human Dynamics in Aerospace Neuropsychophysiology”*, **Souvestre, P.A.**, Landrock C.K – Oral, Paper, 15th Humans in Space Symposium, International Academy of Astronautics (IAA), Graz, Austria
- May 22-26, 2005 *“Cognitive Performance in Space and Its Thermodynamic Connections with Gravity and Dermal Optical Sensitivity”*, Landrock C.K., **Souvestre P.A.** - Poster, 15th Humans in Space Symposium, International Academy of Astronautics (IAA), Graz, Austria
- Jan 30, 2005 *“Neurophysiology and the Next Generation of Biomechanical Engineers”*, **Souvestre, P.A.**, Landrock C.K. - lecture, Canadian Aeronautics and Space Institute, Vancouver, BC, Canada
- Jan 25, 2005 *“Safety and Performance Optimization in the Workplace using Effective Neurophysiology”*, **Souvestre, P.A.**, Rodman D., Landrock C.K - lecture, article, 2005 Wings and Rotors Trade Show and Symposium, Pacific Aircraft Maintenance Engineers Association -PAMEA, Vancouver, BC, Canada
- August 2004 *“The Long Term Integrated Benefits of Gardening in Space”*, Rodman D., **Souvestre P.A.** - Oral, Paper, 55th International Astronautical Congress - IAC 2004, Vancouver, BC, Canada

- July 2004 “*Posture and Gait Control Enhancement using Dermal Optical Sensitivity*”, **Souvestre, P.A.**, Landrock C.K - Oral, Paper, 34th International Conference on Environmental Systems - ICES, Colorado Springs, Colorado, USA
- July 2004 “*A Prescreening Methodology for Proactively Reducing Human Error Proneness*”, **Souvestre, P.A.**, Landrock C.K - Oral, Paper, 34th International Conference on Environmental Systems - ICES, Colorado Springs, Colorado, USA
- Sept 20-21, 2003 “*Scientific Basis of Neurophysiological Stimulation and TCM*”, **Souvestre, P.A.** - Oral, Traditional Chinese Medicine on Cancer Symposium, Canadian Cancer Society and College of TCM Practitioners and Acupuncturists of BC, Vancouver, BC
- May 5-6, 2002 “*From Accident Proneness to Maximized Performance in the Arena: About a Turning Point Experience in a Professional Sporting Career*”, **Souvestre, P.A.** - Oral, Fourth International Symposium on Safety in Ice Hockey, Pittsburgh, Pennsylvania, USA
- May 2,3,4, 2002 “*Sensory-Motor/Cognitive Performance and Autism: About a Turning Point Experience*” **Souvestre, P.A.** – Poster, Giant Steps West - Autism 2002, University of the Cariboo, Kamloops, BC, Canada
- May 2,3,4, 2002 “*Future Directions in Autism Research*” **Souvestre, P.A.** - Panel Discussion, Giant Steps West - Autism 2002, University of the Cariboo, Kamloops, BC, Canada
- Nov. 2-3, 2001 “*From Head Concussion to Functional Autonomy and Maximized Performance. A Drugless Neurophysiological Approach To Central Sensory-Motor & Cognitive Restoration*”, **Souvestre, P.A.** - Oral, Paper, First Annual IIHF, FIFA, IOC Internat’l Symposium on Concussion in Sport, Vienna, Austria
- Oct 24-25, 2001 “*Providing the Aerospace Industry with Performance & Safety Services since 1987*”, **Souvestre, P.A.** - Oral, Taiwan-Canada Aerospace Industry Partnering Conference, AIABC, Vancouver, Canada
- Oct 18 2001 “*From Head Injury to Functional Autonomy. A Drugless Highly Sensitive Approach to Central Sensory-Motor & Cognitive Restoration*”, **Souvestre, P.A.** - Poster, Brain Injury Association of Washington, Annual Convention, Redmond, WA, USA
- Oct 12-13, 2001 “*From Repeated Severe Head Concussions to Maximized Performance in the Arena: About a Turning Point Experience in a Professional Sporting Career*”, **Souvestre, P.A.** – Oral , 15th Pacific Coast Brain Injury Conference. Canada’s Premier Conference on Brain Injury, Vancouver
- Oct 12-13, 2001 “*From Head Injury to Functional Autonomy. A Drugless Approach to Central Sensory-Motor & Cognitive Restoration*”, **Souvestre, P.A.** – Poster 15th Pacific Coast Brain Injury Conference. Canada’s Premier Conference on Brain Injury, Vancouver
- Sept 11-14, 2001 “*About Human Factors Repair and Maintenance*”. **Souvestre, P.A.** –Poster, International Aerospace ACE, Seattle, WA, USA
- Nov 16-18, 2000 “*From Head Injury to Functional Autonomy. A Drugless Highly Sensitive Approach to Central Sensory-Motor & Cognitive Restoration*”, **Souvestre, P.A.** – Poster National Brain Injury Conference. 14th Pacific Coast Brain Injury Conference, Vancouver, BC, Canada
- Nov 12, 2000 “*From Sensory-Motor Disorder Identification To Chronic Resistant Conditions Rehabilitation: An original Complementary Analysis & Acupunctural Treatment Protocol*”, **Souvestre, P.A.** – Lecture, Canadian Acupuncturists & TCM Alliance of BC, Continued Education Seminar, Vancouver, Canada
- May 25, 2000 “*BioPhotonics applied in Skills Optimization & Medical Rehabilitation*”, **Souvestre, P.A.** - Oral, BC Photonics Industry Association, AGM & Singapore Delegation, Vancouver, BC, Canada
- May 12, 2000 “*Traumatic Head Injury Rehabilitation. A Unique European Approach To Sensory-Motor & Cognitive Restoration*”. **Souvestre, P.A.** - Poster, Lawyer and Attorney Convention, Brain Injury Association of Washington, Seattle, WA, USA
- May 4-6, 2000 “*A Unique European Approach To Sensory-Motor & Cognitive Restoration*”. **Souvestre, P.A.** – Poster, Autism 2000 Conference, Autism Society of BC, Kamloops University Campus, Kamloops, Canada
- Oct 14-16, 1999 “*Head Injury Rehabilitation. A Unique Drugless Approach to Sensory-Motor & Cognitive Restoration*” **Souvestre, P.A.** – Poster, 13th Pacific Coast Brain Injury Conference. Canada’s Premier Conference on Brain Injury, Vancouver, BC, Canada

- Sept 22-24, 1993 “Sensory-motor and cognitive position coding within the visual-vestibular-ocular system”. Gauthier G.M., Blouin J., Vercher J.L., **Souvestre P.A.** - Oral, Paper, Symposia “Information Processing Underlying Gaze Control”, Seville, Spain
- Sept 26-29, 1993 “Coding of spatial information through vestibular and oculomotor signals”, Blouin J., Gauthier G.M., Vercher J.L., **Souvestre P.A.** - Oral, Paper, Robinson Symposium, Eibsee, Germany
- May 1993 “High Performance and Flight Safety in Soaring: Knowledge vs Know-how”. **Souvestre, P.A.** - Oral,
6th European Soaring and Medicine Convention, St Auban FTC, France
- April 1993 “Medical Follow-up in Sport Parachuting”. **Souvestre, P.A.** - Oral, French Joint Armed Forces, Medical Convention, Laveran Military Hospital, Marseille, France
- Feb 12-13, 1993 “Postural Consequences of Static and Dynamic Work”, **Souvestre P.A.**, Michot G. - Oral, Paper, French Posturology Association, French Occupational Medicine Society & French Neurosciences Society Joint Annual Convention, CNRS (French National Research Agency), Marseille, France
- Feb 12-13, 1993 “Modeling Mathematics in Posturology. The Beginning of Coherence between Some Measurable Concepts” Liardet P., **Souvestre P.A.** - Oral, Paper, French Posturology Association, French Occupational Medicine & French Neurosciences Society Joint Annual Convention, CNRS (French National Research Agency), Marseille, France
- Feb 12-13, 1993 “Posture and Visual Ergometrics” , Bérard P., **Souvestre P.A.** - Oral, Paper, French Posturology Association, French Occupational Medicine & French Neurosciences Society Joint Annual Convention, CNRS (French National Research Agency), Marseille, France
- Jan 1993 “Sensory-Motor Adaptation and Follow-up of the National Skydiving Teams”. **Souvestre, P.A.** – Oral, Report, 11th National Technical Convention, French Sport Parachuting Federation, Toulon, France
- Dec 1992 “Relationships between Instructors and Students: Special Problems in Aeronautics”. **Souvestre, P.A.** – Oral , French Air Force Conference, Salon de Provence AFB, France
- June 19-20, 1992 *Posturological Approach & Physiopathogenic Analysis of Morphodysfunctional Disorders of the Temporal-Mandibular Joint; Clinical Interest and Effect on Performance*. **Souvestre, P.A.** - 3rd “TMJ Day” Conference, French Institute of Research on Mandibular Mechanics, Marseille, France
- May 1992 “Complex Skills and Performance: Basics of Maximization & Safety in Soaring”. **Souvestre, P.A.** - 5th European Soaring & Medicine Conference, St Auban FTC, France
- May 1991 “Posturological Parameters and Neurophysiological Performance Criteria in Soaring”. **Souvestre, P.A.** - 4th European Soaring & Medicine Conference, St Auban FTC, France
- Sept 1990 “Complex Skills Learning and Performance Acquisition in Advanced Skydiving”. **Souvestre, P.A.** - 1st National Symposium, French Sport Parachuting Federation, Toulon, France
- May 1990 “Medicine applied to Aeronautics: Medico-Physiological Aspects of Flight Operations”. **Souvestre, P.A.** - French Air Force Conference, Salon de Provence AFB, France
- May 1990 “Optimal Performance Parameters in Soaring”. **Souvestre, P.A.** - 3rd European Soaring and Medicine Conference, St Auban FTC, France
- May 1989 “Flight Accidents and Flight Safety ” - **Souvestre, P.A.** – 1989 Directors Conference, French South-East Regional Civil Aviation Administration, Aix en Provence, France
- Oct 1987 “Sport Parachuting and Spine”. **Souvestre, P.A.** - 3rd Air Force Region Aeronautical Medicine Day Conference, Bordeaux, France
- Oct 1985 “Self Drug Prescription and Flight Operations”. **Souvestre, P.A.** - 4th Air Force Region Aeronautical Medicine Day Conference, Marseille, France

PUBLICATIONS RECORD

PEER –REVIEWED SCIENTIFIC & MEDICAL JOURNALS

- 2009 “*Cardio-Postural Deconditioning: a Model for Post Flight Orthostatic Intolerance*”, Blaber A.P., Landrock C.K., **Souvestre P.A.** - *Resp Physiol Neurobiol.* 169(Suppl 1):S21-S25
- 2009 “*Cardio-Postural Interaction: Relationship to Altered Post Flight Cardiovascular and Postural Controls*”, Blaber A.P., Landrock C.K., **Souvestre P.A.** - *Resp Physiol Neurobiol.* 169 (Suppl 1):S21-S25
- 2008 “*New Paradigm for Understanding In-Flight Decision Making Errors – A Neurophysiological Model Leveraging Human Factors*”, Souvestre, P.A., Blaber A.P., Landrock C.K. - Hippokratia 2008, 12, (Suppl.1): 78-83
- 2008 “*Reducing Incapacitating Symptoms during Space Flight – Is Postural Deficiency Syndrome an Applicable Model?*”, **Souvestre, P.A.**, Blaber A.P., Landrock C.K. - Hippokratia 2008, 12, (Suppl.1): 41-48
- 2008 “*Space Motion Sickness: The Sensory-Motor Controls and Cardiovascular Correlation*”, **Souvestre P.A.**, Blaber A. P., Landrock C. K. - Acta Astronautica, 63 (2008), Pages 745-757
- 2007 “*Space Motion Sickness: The Neurophysiological Connection*”, **Souvestre P.A.**, Blaber A.P., Landrock C.K. - The Chinese Journal of Space Medicine and Medical Engineering; ISSN1002-0837.
- 2007 “*Biomedical-Performance Monitoring and Assessment of Astronauts by Means of an Ocular Vestibular Monitoring System*”, **Souvestre P.A.**, Landrock C. K. - Acta Astronautica, Volume 60, Issues 4-7, February-April 2007, Pages 313-321. doi:10.1016/j.actaastro.2006.08.013
- 2006 “*Whiplash Associated Disorders and Patient Traumatic History – A Correlation between Traumas, Symptoms and MVAs*”, Landrock C.K., **Souvestre P.A.** – J. of Whipl. & Relat. Disorders, Vol.5, No.2
- 2006 “*Space Flight Biomedical Deterioration Prevention and Correction Using Biophotonic Technology: From Postural Deficiency Syndrome to Space Adaptation Syndrome*”, **Souvestre P.A.**, Landrock C.K. - SAE 2005 Transactions Vol. 114, Journal of Aerospace, ©SAE 2005
- 2004 “*Posture and Gait Control Enhancement using Dermal Optical Sensitivity*”, **Souvestre, P.A.**, Landrock C.K. - Journal of Aerospace, ©SAE 2004
- 2004 “*A Prescreening Methodology for Proactively Reducing Human Error Proneness*”, **Souvestre, P.A.**, Landrock C.K. - Journal of Aerospace, ©SAE 2004
- 2001 “*From Head Concussion to Functional Autonomy and Maximized Performance. A Drugless Neurophysiological Approach To Central Sensory-Motor & Cognitive Restoration*”. **Souvestre P.A.**, Rothe R.O., Pederson D.L. - Br J Sports Med; 2001; 35:367-377
- 1994 “*Remote measurement of the thermic mapping of skin surface*”, Marignan M., **Souvestre P.A.**, Chezeaux J.C., Bismuth W. – Innov. Tech. Biol. Med. 15(2): 239-244
- 1993 “*Neurophysiopathogenic Aspects of the Postural System*”. **Souvestre P.A.**, Michot G. - Archives des Mal. Prof. de Méd. du Trav. et de la Sécurité Sociale, 54(8): 678-680
- 1990 “*How to reconcile Scubadiving with Parachuting*”, Vanuxem P., **Souvestre P.A.** - Medicine and Hygiene, 48: 2136-2141
- 1987 “*The Influence of Sustained High-level Gz+ Forces on Some Cardio-Vascular and Biological Parameters in Flight Test Operations*”, **Souvestre P.A.** - Archives des Mal. Prof., de Méd. Du Trav. et de la Sécurité Sociale, 48(1): 53-54

SCIENTIFIC BOOK CONTRIBUTIONS

- 2006 “Space Flight Biomedical Deterioration Prevention and Correction Using Biophotonic Technology: From Postural Deficiency Syndrome to Space Adaptation Syndrome”, **Souvestre, P.A.**, Landrock C.K., SAE 2005 Transactions Vol. 114, Journal of Aerospace, ©SAE 2005
- 1989 “Medicine and Human Limits”, **Souvestre, P.A.**, Avenir de la Santé: Eléments pour la Réflexion (Tome I), Avenir 15 ans Ed.

ORIGINAL REPORTS

- Oct. 2000 “Human Performance Factors in Production Facilities”, **Souvestre P.A.**, for PAVAC Technology Inc., Richmond, BC, Canada
- 1993 “Sensory-Motor Adaptation and Follow-up of the Experience of the French National SkyDiving Teams”, **Souvestre P.A.**, for 11th National Technical Congress, French Sport Parachuting Federation, Toulon, Fr.

JOURNALS & NEWSLETTERS

- July 2006 “Traumatic History and Balance & Dizziness Disorders Part 2 – Balance and Dizziness Disorders are never alone”, **Souvestre P.A.**, Landrock C.K., The Balance Newsletter, BADD (Balance and Dizziness Disorders Society), Vancouver BC, Canada.
- July 2006 “Traumatic History and Balance & Dizziness Disorders Part 1– The brain side of the BADD functional equation”, **Souvestre P.A.**, Landrock C.K., The Balance Newsletter, BADD (Balance and Dizziness Disorder Society), Vancouver BC, Canada.
- April 2005 “Safety and Performance Optimization in the Workplace using Effective Neurophysiology”, **Souvestre P.A.**, Landrock C.K., Rodman D., The Pacific Aircraft Maintenance Engineer, Pacific Aircraft Maintenance Engineering Association, 2005 Spring/Summer Newsletter
- Feb 2004 “Could Sensory Auditory Overload Lead to Subsequent Head Injury like Consequences?”, **Souvestre P.A.**, Newsletter February 2004, Fraser Valley Brain Injury Association, B.C. Canada
- Jan 1993 “Sensory-Motor Adaptation and Follow-up of the French National Skydiving Teams”, **Souvestre P.A.**, Journal of the French Sport Parachuting Federation, Paris, France
- May 1993 “Safety and Performance in Soaring: Knowledge versus Know-how”, **Souvestre P.A.**, French Soaring Federation Journal
- May 1992 “Complex Skills and Performance: Basics of Maximization & Safety in Soaring”, **Souvestre P.A.**, French Soaring Federation Journal
- May 1991 “Postural Parameters and Performance Criteria”, **Souvestre P.A.**, French Soaring Federation Journal
- May 1990 “Optimal Performance Parameters in Soaring Flight”, **Souvestre P.A.**, French Soaring Federation Journal

MEDIA

PUBLIC BROADCASTS

- 2003 - Present Misc. radio broadcasts & TV interviews with **CBC, Radio-Canada, Shaw Cable, Fairchild TV, and M6**
- June 12, 2003 **TV Shaw Cable “Studio 4”, with Fanny Kiefer**, “Call-in” Talk Show, Vancouver, BC, Canada
- April 23, 2002 **“Healthy Living Show” with Croft Woodruff and Catherine Gabriel**, Radio Talk Show, Vancouver, BC

- Nov 29, 1999 Radio Talk-Show, with Susan Cameron-Block, Vancouver, BC, Canada
 April 20, 1998 "Micro-Midi", with Philippe Bourbeau, Radio Talk-Show, Radio-Canada, Vancouver, BC, Canada
 Sept 12, 1996 "Body & Mind", with J. Birdi, TV "Call-in" Show, Rogers Community Channel 4, Surrey, BC, Canada
 June 20, 1994 "About Chronic Back Pain", with Jean-Michel Cecci, Radio Talk-Show, R.T.L. "Journal de 7 heures", Fr

NEWSPAPERS

- Aug 15, 2005 "Médecine : le Yin est in!", by Cécile Lepage, L'Express du Pacifique, Vol. VIII, No. 13, Vancouver, BC
 Dec 1, 2004 "Family Tries New Treatment", by Arthur Crowson, The Merritt Herald
 Nov 16, 2004 "It's like winning the lottery", by Michele Young, The Daily News of Kamloops
 Sept 15, 2003 "On ne réinvente pas la Médecine", by Brigitte Geoffroy, L'Express du Pacifique, Vol. VI, No. 11
 May 11, 2003 "Painful costs: The increasing popularity of alternative medical therapies like acupuncture is fuelling calls for the costs to be funded under Medicare", by Mike Howell, The Vancouver Courier, Eastside Edition, Vol. 94, No. 38
 April - May 2002 "Un Médecin Amoureux... de sa Profession", by Anne-Marie Gignac, L'Express du Pacifique, Vol. V, No. 2, Vancouver, BC, Canada

TECHNICAL VIDEOS

- 2009 "NeuroKinetics Traumatology and Concussion Clinic – Introduction & Patients Testimonials"
 2005 "The Stephanie Currie's Story"
 1996 "NeuroBionics"
 1994 "The Horseman's ordeal or from the Horse Accident to the Deliverance"
 1994 "The Icarus' Flight – A Study of Some Hypoxia Consequences in High Altitude Soaring Flight"
 1994 "The Mile Running Sport"
 1993 "BRE@-Bio External Regulator: Assessments for Neurophysiological Diagnosis and Prescription"
 1993 "About Some Techniques Used for Diagnosis and Treatment at the Marseille NeuroTrauma Clinic"

AEROSPACE OPERATIONS – QUALIFICATIONS & LICENCES

- 2001 Flight Instructor, and Official Observer, Soaring Association of Canada
 2000 Full recognition of French flight credentials, Transport Canada, Canada
 1993 Senior Command Qualification (ORA), Military Academy, Paris, France
 1987 – 1990 In-Flight Tester and Experimenter, French Air Force and Flight Test Center, Istres AFB, France (Aircrafts: Mirage IIIB, Alpha Jet, Fouga Magister, AMD Mystere 20, AMD Falcon 50) (Helicopters: AS Alouette II - SA Puma)
 1985 Mountain Flight and Tow Pilot Certification
 1984 – 1985 Flight Experimenter / Payload Specialist – Astronaut Candidate, CNES - the French Space Agency
 1981 – 1993 Flight Experimenter/Astronaut training and operations, Flight Test Center/Centre d'Essais en Vol (CEV), Aerospace Industry & Flight Test Operations, France
 1978 – 1982 Air Display Team Member, Patrouille d'Eyguières, France
 1979 Glider Pilot's License, France
 1976 Skydiving License, France
 1976 Military Parachuting License, France
 1974 Private Pilot's License, France

AWARDS AND DISTINCTIONS

TCM Professional Community

2010	Founding and Honorary Member, the Society for Acupoint Injection Therapy, BC, Canada	
2010	Extraordinary Contribution Award, the Board of British Columbia Qualified Acupuncturists and TCM Practitioners Association – QATCMA, Richmond, Canada	
2009	Dedication Appreciation, the Board of British Columbia Qualified Acupuncturists and TCM Practitioners Association – QATCMA, Richmond, Canada	
2008	Extraordinary Contribution Award, the Board of the College of Traditional Chinese Medicine Practitioners and Acupuncturists of British Columbia (CTCMA), AGM 2008, Vancouver, Canada	
2002 to 2007	Annual Distinguished Service Award	British Columbia Qualified Acupuncturists and TCM Practitioners Association – QATCMA, Richmond, Canada
2001	Distinguished Service Award	Canada Canadian Acupuncturists & TCM Alliance of B.C., Canada
2000	Distinguished Appreciation as a Speaker	Canada Canadian Acupuncturists & TCM Alliance of B.C., Canada

Aerospace, Military & Sports Operational Medicine

1993	“Recognition of Satisfaction with Honors”	Ministry of National Defense, Paris, France
1992	“Recognition of Satisfaction with Honors”	Ministry of National Defense, Paris, France
1991	Voluntary Military Services Medal	Ministry of National Defense, Paris, France
1991	“Recognition of Satisfaction with Honors”	Ministry of National Defense, Paris, France
1990	“Recognition of Satisfaction with Honors”	Ministry of National Defense, Paris, France
1989	“Recognition of Satisfaction with Honors”	Ministry of National Defense, Paris, France
1988	“Recognition of Satisfaction”	Ministry of National Defense, Paris, France
1987	“Recognition of Satisfaction”	Ministry of National Defense, Paris, France

Aeronautics

1979	<i>FAI Silver Badge</i>	French Soaring Federation, Paris, France
1973	<i>ACRL Silver Medal</i>	Colonel Rossi-Levallois Award, France
1971	<i>ACRL Bronze Medal</i>	Colonel Rossi-Levallois Award, France

* * * * *