

**University of British Columbia**  
**Curriculum Vitae for Faculty Members**

**Date:** September 1, 2013  
**Initial:** \_\_\_\_\_

1. **SURNAME:** Anton **FIRST NAME:** Hubert  
**MIDDLE NAME:** Andrew
2. **DEPARTMENT/SCHOOL:** Medicine/Physical Medicine & Rehabilitation
3. **FACULTY:** Medicine
4. **PRESENT RANK:** Clinical Professor **SINCE:** July 1, 2010

**5. POST-SECONDARY EDUCATION**

**(a) Education**

University or Institution	Degree	Subject Area	Dates
University of Calgary	B.Sc.	Biology	1975
University of Calgary	M.D.	Medicine	1978

**(b) Professional Qualifications**

- 1 Specialist Certificate, Physical Medicine and Rehabilitation, November 30, 1987.
- 2 Fellow, Royal College of Physicians and Surgeons of Canada, since February 11, 1988.

**6. EMPLOYMENT RECORD**

University, Company or Organization	Rank or title	Dates
St. Paul's Hospital, Vancouver	Rotating Intern	1978 – 1979
Self employed	Family Physician	1979 – 1983
Division of Physical Medicine & Rehabilitation, University of British Columbia, Vancouver.	Resident	1983 – 1987

University of British Columbia	Clinical Instructor	1988 – 1989
University of British Columbia	Division Coordinator and Residency Program Director, Division of Physical Medicine and Rehabilitation	1988 – 1994
University of British Columbia	Clinical Assistant Professor	1989 – 1995
University of British Columbia	Acting Head, Division of Physical Medicine and Rehabilitation	1991 – 1992
University of British Columbia	Associate Member, School of Rehabilitation Sciences	1991 – 1999
University of British Columbia	Head, Division of Physical Medicine and Rehabilitation	1992 – 2002
University of British Columbia	Clinical Associate Professor	1995-2010
University of British Columbia	Research Coordinator, Division of Physical Medicine & Rehabilitation	2002 – 2004

#### Present

University, Company or Organization	Rank or title	Dates
G.F. Strong Rehab Centre	Research Coordinator	July 2007 – present
University of British Columbia	Associate Member - Occupational Sciences & Occupational Therapy	June 1, 2009 – present.
University of British Columbia	Clinical Professor	July 1, 2010 – present

#### 7. LEAVES OF ABSENCE

Sabbatical from regular academic duties in 2006-2007 to focus on developing Research Interest Group in Fatigue in Neurological and Neuromuscular Disorders.

## 8. TEACHING

### (a) Areas of special interest and accomplishments

1	Percentage of overall time devoted to:	
	Non-clinical instruction	5.0 %
	Clinical instruction	5.0 %
	Research/Publication	10.0 %
	Other	5.0 %
	Administration	5.0 %
	Clinical practice	70.0 %

### (b) Courses Taught at UBC (2000 to the present):

Year	Session	Course Number	Hours	Class Size	Lecture/Tutorials	Other Teaching
2000-2001	UBC Resident Education		1.0			Seminar "Flexion-extension injuries of the cervical spine"
	UBC Resident Education		1.0			Seminar "Transfemoral amputations"
	Rehabilitation Sciences 301		1.5	50	Medical & Surgical Management of Cerebrovascular Disease	
	UBC Resident Education		1.0			Seminar "Examination of the knee"
	UBC Resident Education		1.0			Seminar "Examination of wrist and hand"
2001-2002	UBC Resident Education		4			OSCE examination for residents in PM&R
	UBC Resident Education		1.0			Seminar "Measuring Outcomes"
	UBC Resident Education		1.0			Seminar "Measuring Outcomes"
	UBC Resident Education		1.0			Seminar "Examination of the Cranial Nerves"

	UBC Resident Education		1.0			Seminar "Multiple sclerosis"
<b>2002-2003</b>	Rehabilitation Sciences 301		1.5	50	Medical & Surgical Management of Cerebrovascular Disease	
	UBC Resident Education		1.0			Seminar "Examination of the Cranial Nerves"
	UBC Resident Education		1.0			Seminar "Myofascial Pain"
<b>2003-2004</b>	Rehabilitation Sciences 301		1.5	50	Medical & Surgical Management of Cerebrovascular Disease	
	UBC Resident Education		1.0			Seminar "Upper Extremity Orthotics"
<b>2004-2005</b>	UBC Resident Education		3.0			Seminar "CanMEDS Scholar Role"
	Rehabilitation Sciences 301		1.5	50	Medical & Surgical Management of Cerebrovascular Disease	
<b>2005-2006</b>	UBC Resident Education		1.5			Seminar "Prophylaxis & Treatment of DVT/PE"
	UBC Resident Education		4.0			OSCE for residents in PM&R
	Undergraduate Medicine	MED 2 Second Year Physical Examination Bedside Teaching	12			
	UBC Resident Education		1.0			PBL Seminar "Soft Tissue Pain Syndromes"
	UBC Resident Education		4.0	10		Resident Research Seminars (4 sessions)
	UBC Resident Education					UBC Plastic Surgery Seminar "Rehabilitation of Burns"

	UBC Resident Education		6.0	10		Resident Research Seminars (6 sessions)
<b>2006-2007</b>	UBC Resident Education		1.0			PBL Seminar "Soft Tissue Pain Syndromes"
	Undergraduate Medicine	MED 2 Peer review observer for PBL	2.5			
<b>2007-2008</b>	UBC Resident Education		1.0			Seminar "Neuropathic Pain Syndromes"
	UBC Resident Education		1.0			Seminar "Rehab Techniques in Acquired Brain Injury"
	UBC Resident Education		1.0			Seminar "Osteoarthritis"
	UBC Resident Education		1.0			Seminar "Seronegative Spondyloarthropathies"
<b>2008-2009</b>	UBC Resident Education		1.0			Seminar "Introduction to Research"
	UBC Resident Education		5.0			Resident Research Seminars (5 sessions)
	UBC Resident Education		1.0			Seminar "Whiplash Associated Disorders"
	UBC Resident Education		1.0			Seminar "Introduction to Research"
	Undergraduate Medicine	INDE 420 Bedside Clinical Skills	12.0			
<b>2009-2010</b>	Undergraduate Medicine	MED 2 Peer review observer for PBL	2.5			
	Undergraduate Medicine	INDE 420 Bedside Clinical Skills	12.0			

	UBC Resident Education		1.0			Seminar "Introduction to Research"
	UBC Resident Education		1.0			Seminar "Organ Transplant Rehab"
	UBC Resident Education		1.0			Seminar "Osteoarthritis"
	UBC Resident Education		6.0			Resident Research Seminars (6 sessions)
	UBC Resident Education		1.0			Seminar "Upper Limb Orthotics"
	UBC Resident Education		3.0			Examiner, Resident OSCE Examination.
<b>2010-2011</b>	Undergraduate Medicine	INDE 420 Bedside Clinical Skills	12.0			
	UBC Resident Education		1.0			Seminar "Introduction to Research"
	UBC Resident Education		3.0			Seminar "Medicolegal Assessments"
	UBC Resident Education		8.0			Resident Research Seminars (8 sessions)
<b>2011-2012</b>	Undergraduate Medicine	INDE 420 Bedside Clinical Skills	12.0			
	UBC Resident Education		3.0			Special Seminar "Medicolegal Practice in PM &R"
	UBC Resident Education		1.0			Resident Seminar "Introduction to Research"
	UBC Resident Educations		1.0			Seminar "Whiplash Associated Disorders"

	UBC Resident Education		7.0			Resident Research Seminars (7 sessions)
<b>2012-2013</b>	Undergraduate Medicine	INDE 420 Bedside Clinical Skills	12.0			
	UBC Resident Education		1.0			Seminar "Introduction to Research"
	UBC Resident Education		3.0			Resident Seminar "Medicolegal Practice in PM &R"

**(c) Graduate Students supervised at UBC:**

Student Name	Program Type	Year		Principal Supervisor	Co-Supervisors
		Start	Finish		
Dr. Peter Mortifee	Trauma FIM - Resident Project	1994	1995	H.A. Anton	
Dr. Mark Crossman	Medical Student Selection - Resident Project	1994	1995	H.A. Anton	
Dr. Andrea Townson	Resident Research Project	1995	1995	H.A. Anton	
Ms. Connie Winthur	Physiotherapy Master's Research Project	1995	1996		
Dr. Mark Adrian	Resident Research Project	1998	1998	H.A. Anton	
Dr. Barb Hughes	Resident Research Project	2000	2001	H.A. Anton	
Gordon Handford	Masters Thesis Brain Computer interface	2003	2010	H.A. Anton	
Michelle Wheeler, Tanya Fawkes-Kirby	Clinical correlates of Fatigue in Spinal Cord Injury OT547	2005	2006	Bill Miller	H. A. Anton, A. Townson, Claire Weeks
Sandy Jagdeep, Crystal McAvena	Fatigue in Neuro Patients in Acute Rehab OT 547	2006	2007	H.A. Anton	Bill Miller

Dr. Gosia Sudol	Piriformis Syndrome – Resident Project	2006	2008	H.A. Anton	
Dr. Catherine Paramonoff	Fatigue after Brain Injury – Resident Project	2006	2008	H.A. Anton	
Debra Stern, Mikki Bartel	Fatigue in Neuro Patients in Acute Rehab OT 547	2007	2008	H. A. Anton	Bill Miller
Dr. Anibal Bohorquez	Nitrates for Myofascial Pain – Resident Project	2007	2009	H.A. Anton	
Sarah Laundry, Jennifer Alford	Fatigue in Neuro Patients in Acute Rehab OT 547	2008	2009		Bill Miller
Sarah Atkinson, Marsha Matheson	Utility of Fatigue Assessment OT547	2009	2010		Bill Miller
Dr. Chris Grant	Predicting Outcomes in Stroke Rehabilitation	2009	2013		Charles Goldsmith

#### (d) Continuing Education Activities

- 1 Instructor, TIPS Course for Faculty. December 8-10, 1992. (16 hours)
- 2 Instructor. TIPS Course for Faculty. October 17-19, 1993. (18 hours)
- 3 "Advances in Stroke Rehabilitation". BC Association of Speech and Language Pathologists. February 18, 1994. 1 hour
- 4 "Whiplash: a pain in the neck." VHHSC Family Practice Rounds. April 13, 1994.
- 5 "State of the Art Review: the Biology of Recovery and Rehabilitation after Brain Injury." U.B.C. City Wide Rounds in Rehabilitation Medicine. G.F. Strong Centre. April 13, 1994.
- 6 "Current Concepts in Upper Extremity Prosthetics." Royal Columbian Hospital Department of Orthopedics Grand Rounds November 21, 1994.
- 7 "Rehabilitation in the Community". Monthly Meeting. Physiotherapy Department, VHHSC. November 9, 1994.
- 8 "Intrathecal baclofen: an update and review." U.B.C. City Wide Rounds in Rehabilitation Medicine. G.F. Strong Centre. January 4, 1995.
- 9 "Intrathecal Baclofen". Interdisciplinary Rounds. BC Rehab George Pearson Centre. February 22, 1995.
- 10 "Spasticity: a primer for the internist." Vancouver Hospital Medical Grand Rounds. March 30, 1995.
- 11 Instructor. TIPS Course for Faculty. May 8-9, 1995. (12 hours)
- 12 "Rehabilitation Programs at BC Rehab" ICBC Rehabilitation Department. October 20, 1994.
- 13 "Cervical Soft Tissue Injury" ICBC Rehabilitation Recovery Management Program August 25, 1995. New Westminster, B.C.
- 14 "Current Concepts in Orthotics for Rheumatologists." Arthritis Society Rounds. November 17, 1995. 1 hour.
- 15 Instructor. Mini-TIPS Course for Residents. November 23, 1995. (2 hours)
- 16 "Current Approaches to Spasticity Management". Medical Education Forum on Intrathecal Baclofen. GF Strong



- Centre. November 7, 1997.
- 17 "The ICIDH2: What is it and why should I care?" UBC City-Wide Rounds in Rehabilitation Medicine. GF Strong Centre. December 3, 1997.
- 18 Instructor. TIPS Course for Faculty. December 8-9, 1997. (12 hours)
- 19 "The Measurement of Disability in Soft Tissue Injuries" Medical Legal Society of British Columbia November 19, 1998. Vancouver, B.C.
- 20 "Physical Medicine and Rehabilitation in Canada" Research and Teaching at the GF Strong Rehab Centre, Dutch Society of Physiatrists and Dutch Society of Rehabilitation Hospitals May 14, 2002, Vancouver, BC
- 21 "The ICIDH-2: What is it and why should I care?" Social Work Practice Group, GF Strong Rehab Centre. January 12, 1999.
- 22 "WAD: Highlights from the World Congress." UBC Spine Rounds, Vancouver General Hospital. March 24, 1999.
- 23 "Confessions of a Weekend Warrior: Exercise, Aging, and Rehabilitation" Medical Grand Rounds. Vancouver General Hospital, September 17, 1999.
- 24 "Alphabet Soup: ICIDH-2, CIHI, FIM and UDS." UBC City Wide Rounds in Rehabilitation medicine. G. F. Strong Centre. April 19, 2000.
- 25 "The Z-joint and Chronic Neck Pain: What Do We Know and What Should We Do?", Medical Grand Rounds, Vancouver General Hospital, April 11, 2002.
- 26 "Physical Medicine and Rehabilitation in Canada" Research and Teaching at the GF Strong Rehab Centre, Dutch Society of Physiatrists and Dutch Society of Rehabilitation Hospitals May 14, 2002, Vancouver, BC
- 27 "Physical Medicine and Rehabilitation in Canada" Research and Teaching at the GF Strong Rehab Centre, Dutch Society of Physiatrists and Dutch Society of Rehabilitation Hospitals May 14, 2002, Vancouver, BC
- 28 "Whiplash Associated Disorders from A to Z" Columbia Health Centre, March 6, 2003. Vancouver, B.C.
- 29 "Doctor, I'm tired. Fatigue and Neurologic Disorders" U.B.C. City Wide Rounds in Rehabilitation Medicine. G.F. Strong Centre. November 15, 2003.
- 30 G.F. Strong Professional Staff Round "The CIHI rehabilitation database: how well are we doing? November 22, 2003
- 31 G.F. Strong CQI Rounds "Paranoia in Rehabilitation: What's Really Going On?" May 19, 2004
- 32 G.F. Strong CQI Rounds "A complex case: when is complicated too complicated?" January 19, 2005
- 33 "Evidence Biased Medicine: Physicians and the Pharmaceutical Industry" U.B.C. City Wide Rounds in Rehabilitation Medicine. G.F. Strong Centre. March 16, 2005.
- 34 UBC PM&R Research Interest Group "Research – A Business Case" September 28, 2005
- 35 UBC PM&R Research Rounds "Where do we go from here?" November 30, 2005
- 36 UBC PM&R Research Rounds "Where do we go from here? Part 3" January 25, 2006
- 37 Research in the UBC Division of Physical Medicine and Rehabilitation: Current Status March 29, 2006
- 38 Presentation to C2E2/Vancouver Coastal Health Research Institute "Fatigue in Neurologic & Neuromuscular Disorders: The BC Fatigue Interest Group" April 3, 2006
- 39 UBC PM&R Research Rounds "Research in Physical Medicine and Rehabilitation: What can it do for me?" May 31, 2006
- 40 UBC PM&R Research Rounds "The ICF Revisited: Using the ICF in Rehabilitation Research" (with Dr. Andrea Townson) September 27, 2006
- 41 UBC PM&R City Wide Rounds "Research Catastrophes" October 11, 2006
- 42 UBC PM&R City Wide Rounds "A Matter of Trust: Can I really believe what I read?" February 27, 2008.
- 43 UBC PM&R City Wide Rounds (with Dr. Steven Helper) "Point Counterpoint – a Case of Low Back Pain". April 23, 2008.
- 44 UBC PM&R City Wide Rounds "Qualitative Research in Rehabilitation – What is it and what is it good for?" Nov.

12, 2008.

- 45 UBC PM&R Research Rounds “Research Ethics Review at UBC: Everything You Need to Know” February 25, 2009
- 46 UBC PM&R City Wide Rounds “Research in Physical Medicine and Rehabilitation – What’s New for 2011?” G.F. Strong Rehabilitation Centre November 29, 2011..
- 47 Vancouver Hospital Trauma Service Rounds “Clinical Update: Rehabilitation of the Injured Patient” April 25, 2012.
- 48 Vancouver General Hospital Medical Grand Rounds (with Dr. Townson and Dr. Mills) “Update on Current Research in Spinal Cord Injury” Vancouver General Hospital May 2, 2013.

**(e) Visiting Lecturer (indicate university/organization and dates)**

- 1 "Community Based Rehabilitation in British Columbia". China Disabled People's Federation June 5, 1995. Beijing, China
- 2 "Cervical Soft Tissue Injury" ICBC Rehabilitation Recovery Management Program August 25, 1995. New Westminster, B.C.
- 3 "Cervical Soft Tissue Injury" ICBC Rehabilitation Recovery Management Program December 7, 1995. Vancouver, B.C.
- 4 "Physical Medicine and Rehabilitation in Canada" Research and Teaching at the GF Strong Rehab Centre, Dutch Society of Physiatrists and Dutch Society of Rehabilitation Hospitals May 14, 2002, Vancouver, BC
- 5 Forest Industry Disability Adjudication Service Staff Education Session “Clinical Issues in Musculoskeletal Pain” November 21, 2003
- 6 Forest Industry Disability Adjudication Service Staff Education Session “Chronic Pain” February 20, 2004
- 7 Forest Industry Disability Adjudication Service Staff Education Session “Chronic Pain Part III: Myofascial Pain and Fibromyalgia” June 25, 2004

**9. SCHOLARLY AND PROFESSIONAL ACTIVITIES**

**(a) Areas of special interest and accomplishments**

- 1 I have a special interest in functional evaluation, outcome measurement and information systems in rehabilitation. I introduced the Uniform Data System for Medical Rehabilitation to University Hospital and later Vancouver Hospital. I developed a proposal for a provincial rehabilitation database pilot project. I was a member of the Canadian Institute for Health Information (CIHI) Advisory Panel that developed a national minimum data set for rehabilitation. I was a consultant to CIHI on the revision of the International Classification of Impairment, Disability and Handicap (the ICF).
- 2 I have a special interest in the assessment and treatment of fatigue in neurological and neuromuscular disorders such as spinal cord injury, brain injury, multiple sclerosis and stroke. I chair the G.F. Strong Rehabilitation Centre Research Group in Fatigue and Function in Neurological and Neuromuscular Disorders (F2N2).
- 3 I have a Special interest in resident research education and development. I have since 2006 provided leadership and coordination for resident research in the UBC Division of Physical Medicine and Rehabilitation.

**(b)+(c) Research or equivalent grants/contracts (indicate under COMP whether grants were obtained competitively (C) or non-competitively (NC))**

<b>Granting Agency</b>	<b>Subject</b>	<b>COMP</b>	<b>\$ Per Year</b>	<b>Year</b>	<b>Principal Investigator</b>	<b>Co-Investigator(s)</b>
University Hospital Foundation	Deep venous thrombosis and Spinal Cord Injury	C	25,000	1990	Dr. H. Anton	
Diagnostic Ultrasound Corporation	Use of a Portable Ultrasound Device in Measuring Bladder Volume after Spinal Cord Injury	NC	54,000	1995	Dr. H. Anton	Dr. H. Fenster
Woodbridge Award Program	Assessment of Muscle Injury and Inflammation Following Whiplash	C	\$47815	1999	Dr. D. MacIntyre	Dr. H. Anton, Ms D. Redenbach, Dr. D. Lyster, Dr. R. D. McKnight, Dr. R. Pursell
Rick Hansen Man in Motion Foundation	Assessing Fatigue in Persons with Spinal Cord Injury	C	\$21400	2005	Dr. H. Anton	Dr. Bill Miller Dr. Andrea Townson
Michael Smith Foundation for Health Research	Fatigue and Function in Neurologic and Neuromuscular Disorders	C	\$37500	2006	Dr. H. Anton	Dr. Bill Miller Dr. Andrea Townson Dr. Barb Hughes
Vancouver Coastal Health Research Institute	Fatigue and Function in Neurologic and Neuromuscular Disorders (Matching Funding)	C	\$12500	2006	Dr. H. Anton	Dr. Bill Miller Dr. Andrea Townson Dr. Barb Hughes
BC Medical Services Foundation	The Course and Prevalence of Fatigue after Acute Spinal Cord Injury		\$38220	2007	Dr. H. Anton	Dr. Bill Miller Dr. Andrea Townson

CIHR	An integrated regional trauma care data system linking clinical care & process outcome.		\$300,000	2010	Dr. David Evans	Dr. Andrea Townson, David Babiuk, et al.
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**(d) Other**

- 1 Clinical Director, Acute Rehabilitation Unit, University Hospital, Shaughnessy Site - January 1, 1988 - October 31, 1993.
- 2 Head, Division of Rehabilitation Medicine, Vancouver Hospital and Health Sciences Centre, December 1, 1993 - June 2002
- 3 Medical Director, Acute Rehabilitation Unit, Vancouver Hospital and Health Sciences Centre. November 1, 1993 to present
- 4 Chief of Medical Staff and Vice President Medical and Academic Affairs, British Columbia Rehabilitation Society. July 1, 1994 to July 15, 1997.
- 5 Medical Director, Rehabilitation Clinical Practice Unit (Vancouver General Hospital and GF Strong Rehabilitation Centre) July 16, 1997 to June 30, 2002.

**(e) Conference Participation (Organizer, Keynote Speaker, etc.)**

- 1 Eighth Annual Canadian Spinal Cord Research Symposium. "Deep Venous Thrombosis after Spinal Cord Injury." October 29, 1992.
- 2 "Cervical Soft Tissue Injury". Conference of Occupational Therapists and Physiotherapists. November 17, 1995. 1.5 hours
- 3 Presentation to the Acquired Brain Injury Special Interest Group, Canadian Association of Physical Medicine and Rehabilitation, Harrison Hot Springs, BC. "Preliminary Results of the Canadian ABI Outcome Measurement Survey" 1996
- 4 Second Annual RehabNet Conference, Halifax, Nova Scotia. "The CIHI Rehabilitation Database Initiative" September, 1996.
- 5 Third Annual RehabNet Conference, Vancouver, BC. "Update on the CIHI Rehabilitation Database Initiative". September 1996
- "Repetitive Strain Injuries: Getting Back to Work". 32nd Postgraduate Review in Family Medicine. March 6, 1997. 1 hour.
- 6 Invited participant, WHO North American Collaborating Centres on the ICDH2 Annual Meeting, Ottawa, Ontario. October 30-31, 1997
- 7 "Cerebral Palsy and Aging". Medical Education Review Course. Royal Jubilee Hospital. Victoria, BC. November 5, 1997.
- 8 Invited participant, Rick Hansen Institute Spinal Cord Injury Network Transition Team meeting, Richmond, BC. December 5-7, 1997
- 9 Keynote speaker, Medina, Saudi Arabia. Third Conference on Rehabilitation and Disability: "Outcome Measurement in Rehabilitation", "Intrathecal Baclofen Therapy", "The ICDH-2 - a New Conceptual Framework for Disability". September 15-17, 1998.
- 10 Invited participant, WHO North American Collaborating Centres on the ICDH2 Fifth Annual Meeting, Vail, Colorado. October 4-7, 1998
- 11 Invited Speaker, Ontario Health Association Conference on Measurement and Assessment Tools in

- Rehabilitation. "The CIHI Tool", Toronto Ontario. January 28, 1999
- 12 Scientific Chair, World Congress on Whiplash Associated Disorders. Vancouver BC February 7-11, 1999.
- 13 Fifth Annual RehabNet Conference, Kananaskis, Alberta. "The CIHI Rehabilitation Database. Current Status" (co-presenter with Ms. Janice Miller, CIHI) June 5, 1999
- 14 Local Chair, 6th Annual North American Collaborating Centre Meeting on ICDH Vancouver, BC October 2-4, 1999.
- 15 Invited presenter, First International Conference on International Certification in Physical Medicine and Rehabilitation, "Training and Certification in Physical Medicine and Rehabilitation in Canada", Washington, DC., November 13, 1999
- 16 "Impairment and function in the aging adult - Is exercise the Fountain of Youth?" UBC Faculty of Medicine Golden Jubilee. Pan Pacific Hotel, Vancouver, BC. November 4, 2000.
- 17 "Whiplash: What do we really know?" American Back Society - Advanced Diagnosis and Treatment for Neck and Back Pain 2000. Hyatt Regency, Vancouver, BC. December 8, 2000.
- 18 "An Inventory of Soft Tissue Injuries", The Essential Soft Tissue Injury Conference 2003, Trial Lawyers Association of British Columbia, March 28, 2003. Vancouver, B.C.
- 19 "What Experts Need To Know", Annual Conference: From Retainer to Trial, Trial Lawyers Association Of B.C., December 5, 2003
- 20 "Chronic Pain and Disability" Trial Lawyers Association Of B.C., Chronic Pain Conference Vancouver BC November 3, 2006
- 21 "The Specialist: Managing the Complex Case in the Medical or Legal Setting" Trial Lawyers Association Of B.C., Rural Physicians of Canada & St. Paul's Hospital, Chronic Pain Centre Conference Vancouver BC December 7, 2007
- 22 "Traumatic Brain Injury: Dealing with the Sequelae" UBC CME on the Run, Vancouver General Hospital, November 28, 2008.
- 23 "Piriformis Syndrome: Don't Miss It!" UBC CME on the Run, Vancouver General Hospital, April 3, 2009.
- 24 "Chronic Pain on Trial: Myths, Mistakes and Misconceptions" Co-chair Trial Lawyers Association of BC Chronic Pain Conference Fairmont Waterfront Hotel, Vancouver BC December 4, 2009.
- 25 "Medical Experts and Cost of Future Care: Understanding Their Role and Limitations" Trial Lawyers Association of British Columbia Cost of Future Care Conference, Four Seasons Hotel Vancouver BC January 29, 2010.
- 26 "Independent Medical Exam & Other Return to Work Forms" Orthopaedic Conference 2010. Victoria Conference Centre Victoria BC May 8, 2010.
- 27 "First Annual G.F. Strong Rehab Centre Rehabilitation Research Conference" Conference Chair and Organizer. G.F. Strong Rehab Centre Vancouver BC May 12, 2010.
- 28 "Physiatry and the Process of Rehabilitation: Everything You Need to Know" CLEBC Medicine for Lawyers. UBC Robson Square Vancouver BC January 13, 2011.
- 29 "Managing Chronic Soft Tissue Pain" 46<sup>th</sup> Annual Post Graduate Review in Family Medicine. Marriott Pinnacle Hotel Vancouver BC February 25, 2011 .
- 30 "Second Annual G.F. Strong Rehab Centre Rehabilitation Research Conference" Conference Chair and Organizer. G.F. Strong Rehab Centre Vancouver BC May 4, 2011.
- 31 "Over-imaging: Perils and Pitfalls for Patients and Family Physicians" 57<sup>th</sup> Annual St. Paul's Hospital Continuing Medical Education Conference for Primary Physicians, Vancouver Convention Centre November 17, 2011.
- 32 "Third Annual G.F. Strong Rehab Centre Rehabilitation Research Conference" Conference Chair and Organizer. G.F. Strong Rehab Centre Vancouver BC May 2, 2012.
- 33 "Fourth Annual G.F. Strong Rehab Centre Rehabilitation Research Conference" Conference Chair and Organizer. G.F. Strong Rehab Centre Vancouver BC May 1, 2013.

## 10.1 SERVICE TO THE UNIVERSITY

### (a) Memberships on committees, including offices held and dates

- 1 Member, Postgraduate Education Committee, Department of Medicine, July 1, 1988 to September 30, 1994.
- 2 Member, Postgraduate Training Committee, Division of Geriatric Medicine, 1989 to 1993.
- 3 Division Representative, Department of Medicine Undergraduate Education Committee, 1989 to 1993.
- 4 Faculty Member, TIPS (Effective Teaching Techniques Institute), 1990 to 1998.
- 5 Member, Internal Review, U.B.C. Division of Rheumatology Review, January, 1993.
- 6 Member, Search Committee for Head, U.B.C School of Rehabilitation Sciences, September, 1993.
- 7 Member, Search Committee for Head, U.B.C. Division of Neurology, 1995-96.
- 8 Current Member (Elected), Faculty Executive, Faculty of Medicine, University of British Columbia. July 1, 1995 to June 30, 1997
- 9 Member, Search Committee for Head, U.B.C. Division of Cardiology, 1996.
- 10 Member, Graduate Program Curriculum Committee, School of Rehabilitation Sciences 1997.
- 11 Member, UBC Standing Committee on Interprofessional Education 1998
- 12 Chair, Division of Physical Medicine and Rehabilitation Research Advisory Committee 2004 to 2007.
- 13 Member, Disability Health Research Network Advisory Committee 2005 to present.
- 14 Member, Division of Physical Medicine and Rehabilitation Research Advisory Committee 2007 to present.
- 15 Member, Division of Physical Medicine and Rehabilitation Post-graduate Training Committee, September 1, 2007 to present.

## 10.2 SERVICE TO THE HOSPITAL

### (a) Memberships on committees, including offices held and dates

- 1 Past Member, Trauma Services Committee, Vancouver Hospital and Health Sciences Centre
- 2 Past Member, COUTH Medical Directors Committee.
- 3 Past Member, Medical and Academic Advisory Committee Executive, Vancouver Hospital and Health Sciences Centre.
- 4 Past Member, Vancouver/Richmond Health Board Review of Rehabilitation Services Working Group.
- 5 Member, Manpower and Credentials Committee, University Hospital (1991-1993).
- 6 Member, Medical Staff Executive, University Hospital (1993).
- 7 Member, Spinal Program Advisory Committee, Vancouver Hospital and Health Sciences Centre. (1993-1996)
- 8 Member, Medical Staff Executive Committee, Vancouver Hospital and Health Sciences Centre. (1993-1996)
- 9 Member, Medical Advisory Committee, B.C. Arthritis Society. (1993-1996)
- 10 Member, Rehabilitation Informatics Committee, B.C. Rehabilitation Society. (1993-1996)
- 11 Member, Trauma Services Director Search Committee, Vancouver Hospital and Health Sciences Centre (1995-1996).
- 12 Member, Professional Advisory Committee, Vancouver Hospital and Health Sciences Centre. (March 1, 1995 to February 28, 1997)
- 13 Member, Medical and Academic Advisory Committee, Vancouver Hospital and Health Sciences Centre 1997-2002.

## 11. SERVICE TO THE COMMUNITY

### (a) Memberships on scholarly societies, including offices held and dates

- 1 Current Member, Association of Academic Physiatrists.
- 2 Current Member, American Paraplegia Society.
- 3 Current Member, Canadian Stroke Society.
- 4 Current Member, Education Committee, Canadian Association of Physical Medicine and Rehabilitation.
- 5 Current Member, Canadian Association of Medical Educators.
- 6 Past Member, International Society for Prosthetics and Orthotics.
- 7 Current Member, American Congress of Rehabilitation Medicine.
- 8 Current Member, ICORD (International Collaboration on Repair Discoveries)
- 9 Current Member, The Brain Centre, UBC.
- 10 Current Member, Mild Traumatic Brain Injury Special Interest Group, American Congress of Rehabilitation Medicine

### (b) Memberships on other societies, including offices held and dates

- 11 Current Member, British Columbia Medical Association.
- 12 Current Member, Canadian Association of Physical Medicine and Rehabilitation.

### (c) Memberships on scholarly committees, including offices held and dates

- 13 Chair, Research Advisory and Review Committee, Rehabilitation CPU, Vancouver Hospital and Health Sciences Centre.
- 14 Member, Royal College of Physicians and Surgeons, Specialty Committee, September 1, 1988 to August 31, 1994.
- 15 Member, B.C. Consensus Panel on Total Hip Replacement 1990.
- 16 Member, Steering Committee, B.C. Whiplash Initiative, 1993.
- 17 Member, I.C.B.C. Consensus Panel on Cervical Soft Tissue Injuries (1993-1994).
- 18 Member, Working Group on Revised Royal College Subspecialty FITER, September 15, 1993, to September 15, 1994.
- 19 Member, Canadian Consensus Panel on potential uses of Botulinum Toxin in Rehabilitation Medicine, Lake Louise, Alberta. (January 29-31, 1994).
- 20 Member, Working Group on Revised Royal College Training Requirements for Physical Medicine and Rehabilitation, 1995 to 1996.
- 21 Member, National Advisory Panel on Rehabilitation Information Standards, Canadian Institute for Health Information. (1995-1998)
- 22 Chair, Specialty Committee in Physical Medicine and Rehabilitation, Royal College of Physicians and Surgeons of Canada, January 1, 1996 to September 30, 2002.
- 24 Member, IDICH-2 Revisions Advisory Committee, UBC School of Rehabilitation Sciences (1998)
- 25 Member and Chair, British Columbia Steering Committee, CIHI Rehabilitation Minimum Data Set Pilot (1998)

- 26 Member, Rick Hansen Institute BC. Neurotrauma Review Committee, 1998 to 2000
- 27 Invited Member, Canadian Council on Health Service Accreditation AIM Technical Committee, Ottawa, March 15-17, 1998
- 28 Member Advisory Committee Michael Smith Foundation for Health Research, Disability Health Research Network 2008.
- 29 Member, Examining Committee for Physical Medicine and Rehabilitation; Royal College of Physicians and Surgeons 2004-2009.

**(d) Memberships on other committees, including offices held and dates**

- 30 Member, Provincial Task Force on High Spinal Cord Injuries (1992).
- 31 Member, Greater Vancouver Regional Health District Acute Care Planning Committee. (1993-1997)
- 32 Chair, Greater Vancouver Regional Health District Rehabilitation Planning Subcommittee. (1993-1997)
- 33 Chair, Working Group on Rehabilitation Services, Vancouver General Hospital, February 10, 1993 to August 20, 1993.
- 34 Member, Project Management Committee, Provincial Rehabilitation Services Review for the B.C. Ministry of Health (1994-1996).
- 35 Member, B.C. Advisory Panel on High Spinal Cord Injury Program. (1994)
- 36 Member, B.C. Spinal Program Advisory Committee. (1994-1996)
- 37 Member, COUTH Rehabilitation Review Committee (1994-1996).
- 38 Member, Working Group on Data Elements for a Rehabilitation Database, Greater Vancouver Regional Health District (February to August, 1994).
- 39 U.B.C. Department of Medicine Representative, COUTH Review of Rheumatic Diseases (June 1994 to June 1995).
- 40 Member, Quality Management Working Group, B.C. Rehabilitation Society (1995).
- 41 Member, Steering Committee, B.C. Provincial Rehabilitation Database Project. (1997)
- 42 Member, CIHI National Expert Working Group on Rehabilitation Information Standards (1997-1999)
- 43 Member Review Committee, BC Rehab Foundation William Fraser Award Competition, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007.
- 44 Member, Medical Advisory Panel on Fitness to Practice Law Society of British Columbia 2010.
- 45 Chair BC Rehab Foundation Research Innovation Award Review Committee 2011 and 2012.

**(e) Reviewer (journal, agency, etc. including dates)**

- 46 Reviewer, Archives of Physical Medicine and Rehabilitation, May 1, 1999 to present.
- 47 External Reviewer, CIHR, 2004
- 48 External Reviewer Ontario Physicians' Services Incorporated Foundation April 2005 to present.
- 49 Member, Review Committee, Vancouver Coastal Health Research Institute 2006 "In it for Life" Research Competition
- 50 Reviewer, Canadian Medical Association Journal, June 25, 2006 to present.
- 51 Member, CIHR Peer Review Committee "Studentships in Musculoskeletal Health"
- 52 Member, Review Committee, Vancouver Coastal Health Research Institute "Team Grants" Research Competition 2009, 2010, 2011.



- 53 Chair, Review Committee, Vancouver Coastal Health Research Institute "Team Grants" Research Competition 2012 and 2013.
- 54 Reviewer, Canadian Association of Physical Medicine and Rehabilitation Medical Student Essay Competition, 2013.

**(f) External examiner (indicate universities and dates)**

- 55 Examiner, Medical Council of Canada. October 30, 1993. Vancouver, BC
- 56 Examiner, Medical Council of Canada. October 30, 1994. Vancouver, BC.
- 57 Examiner, Medical Council of Canada. October 29, 1994. Vancouver, BC.
- 58 Examiner, Medical Council of Canada. October 28, 1995. Vancouver, BC
- 59 External Examiner, Master's Thesis, Ms Vanessa Noonan. "Relationship between objective measures and self-reports of physical function individuals with the late sequelae of poliomyelitis." School of Rehabilitation Sciences, University of British Columbia. 1996-1997

**(g) Other service to the community**

- 60 Judge, 96 Solutions+, Post-secondary Student Design Competition, April 27, 1996.

**12. AWARDS AND DISTINCTIONS**

**(a) Awards for Service (indicate name of award, awarding organizations, date)**

- 1 Recipient, Community Service Award, BC Rehab, November 22, 1994.
- 2 Recipient, Medical Staff Academic Award for Committee Service, VHHSC, June 2001
- 3 Recipient Best City Wide Rounds 2006-2007, UBC Division of Physical Medicine and Rehabilitation
- 4 Recipient Best City Wide Rounds 2008-2009, UBC Division of Physical Medicine and Rehabilitation
- 5 Recipient, Theo van Rijn Award for Contribution to UBC Physical Medicine and Rehabilitation Residency Program
- 6 Recipient, UBC Department of Medicine Master Teacher Award, Vancouver General Hospital

**University of British Columbia  
Publications Record**

**Date:** September 1, 2013

**Initial:** \_\_\_\_\_

**FIRST NAME:** Hubert

**1. SURNAME:** Anton

**MIDDLE NAME(S):** Andrew

**01. Refereed Publications**

**(a) Journals**

- 1 Anton HA, Schweigel JS. Posttraumatic Syringomyelia: The B.C. Experience. *Spine* 11:865-868, 1986.
- 2 Anton HA, Hershler C, Lloyd P, Murray DD. A New Test for Visual Perceptual Dysfunction following Right Sided Cerebrovascular Accidents: A New Test. *Clinical and Investigative Medicine* 10(supplement), No. 4:B109, 1987.
- 3 Murray DD, Hartvikson WJ, Anton HA, Hommonay E, Russel N. With A Spring in One's Step - A Subjective and Objective Analysis of the Seattle Foot. *Clinical Prosthetics and Orthotics*. 12, No. 3,:128-135, 1988.
- 4 Anton H A, Hershler C, Lloyd P, Murray DD. Visual Neglect and Extinction: A New Test. *Archives of Physical Medicine and Rehabilitation* 69, No. 12:1013-1016, 1988.
- 5 Hirsch G, Menard M, Anton H. Anemia in Spinal Cord Injury. *Archives of Physical Medicine and Rehabilitation* 72, No. 3:195-201, 1991.
- 6 Anton HA. The Frozen Shoulder. *Canadian Family Physician* 39:1773-1777, 1993.
- 7 Travlos A, Anton H, Wing P. Cerebrospinal Fluid Cell Count Following Spinal Cord Injury. *Archives of Physical Medicine and Rehabilitation* 75, No. 3:293-6, 1993.
- 8 Anton HA, Bishop P, Wing P, Field S. Assessment and Classification of Cervical Soft Tissue Injuries. *B.C. Medical Association Journal* 38, No. 3:126-130, 1996.
- 9 Crossman M, Anton HA, Busser J. Factors Influencing Medical Student Selection of a Residency Program in Physical Medicine and Rehabilitation. *Annals of the Royal College of Physicians and Surgeons* 29, No2:84-90, 1996.
- 10 Mortifee P, Anton HA, Busser J. Use of a Modified FIM in Trauma Patients. *Archives of Physical Medicine and Rehabilitation* 77, No. 5: 436-9, 1996.
- 11 Anton HA, Chambers K, Clifton C, Tasaka J. Clinical Utility of a Portable Ultrasound Device in the Management of Intermittent Catheterization. *Archives of Physical Medicine and Rehabilitation* 79, No. 2:172-175, 1998.
- 12 Anton HA. The use of intrathecal baclofen for the management of spasticity. *Neurosciences Journal*. 4, No.2:111-114, 1999.
- 13 Anton HA. Certification and Measuring Competency in Physical Medicine and Rehabilitation in Canada. *Archives of Physical Medicine and Rehabilitation*. 82, No.9: 1253-1255, 2000.
- 14 Shalansky K, Fish W, Sunderji R, Anton HA. Evaluation of Captopril for the Management of Hypertension in Autonomic Dysreflexia. *Archives of Physical Medicine and Rehabilitation*. 83, No 5:604-608, 2002.
- 15 Anton HA, Townson AF. Drug Therapy for Autonomic Dysreflexia (letter). *CMAJ* 170, No. 8, 1210, 2004.
- 16 Fawkes-Kirby T, Wheeler M, Anton HA, Miller WC, Townson AF. Clinical Correlates of Fatigue in Spinal Cord

Injury. Spinal Cord. 46:21-25, 2008

- 17 Miller WC, Anton HA, Townson AF. Measurement Properties of the CES-D in Persons with Spinal Cord Injury. Spinal Cord. 46: 287 – 292, 2008.
- 18 Anton HA, Townson AF, Miller WC. Measuring Fatigue in Persons with Spinal Cord Injury. Archives of Physical Medicine and Rehabilitation. 89:538-42, 2008.
- 19 Lee AKY, Miller WC, Townson AF, Anton HA Medication Use is Associated with Fatigue in a Sample of Community-living Individuals who have a Spinal Cord Injury: a chart review. Spinal Cord 48:429-33, 2010.
- 20 Hawkeswood J, Finlayson H, O'Connor R, Anton H. A Pilot Survey on Injury and Safety Concerns in International Sledge Hockey. International Journal of Sports Physical Therapy. 6:173-185, 2011.
- 21 Imam B, Anton HA, Miller WC. Measurement Properties of a Telephone Version of the Modified Fatigue Impact Scale among Individuals with a Traumatic Spinal Cord Injury. Spinal Cord 50:920-924, 2012.
- 22 Grant C, Goldsmith C, Anton HA. Inpatient Stroke Rehabilitation Lengths of Stay in Canada Derived from the National Rehabilitation Reporting System, 2008 & 2009. Archives of Physical Medicine and Rehabilitation. In Press.

### **(b) Conference Proceedings**

- 1 Anton HA. The Use of a Computerized Electrogoniometer System for the Measurement of the Kinematics of Foot Orthotics. Presented at C.E.G. Robinson Lectureship, G.F. Strong Rehabilitation Centre, July 21, 1988.
- 2 Anton HA, Sparling T, Wing PC. Use of IPG in diagnosis of DVT after acute Spinal Cord Injury. Presented at Eighth Annual Canadian Spinal Cord Research Symposium, October 29, 1992.
- 3 Anton HA, Townson AF, Miller WC. Assessing Fatigue in Persons with Spinal Cord Injury. Presented at the 32nd Annual ASIA Meeting, Boston, Massachusetts June 2006.
- 4 Fawkes-Kirby T, Wheeler M, Anton HA, Miller WC, Townson AF, Weeks CO, Willms R. Clinical Correlates of Fatigue in Spinal Cord Injury. Poster presented at the 2nd annual Canadian Spinal Cord Injury Conference. Toronto, Ontario, October 2006.
- 5 Cladyon, VC, Miller WC, Anton HA, Krassioukov AV. Relationship Between Impaired Cardiovascular Control and Fatigue after Spinal Cord Injury. Presented at the 53rd Annual Conference American Paraplegia Society Kissimmee, Florida August 2007.
- 6 Jagday S, McAvena C, Anton HA, Miller WC Investigating Fatigue in an Adult Inpatient Population with Neurological Disorders. Poster presented at the Canadian Association of Occupational Therapists Conference, Whitehorse, Yukon June 2008.
- 7 Paramonoff C, Anton H. The Course of Fatigue During Inpatient Rehabilitation in Patients Who Have Sustained a Traumatic Brain Injury. Poster presented at the Canadian Association of Physical Medicine and Rehabilitation 56th Annual Scientific Meeting, June 2008 Fredericton, New Brunswick
- 8 Blake T, Silverberg N, Anton H. Fatigue, Sleep Disturbance and Neuropsychological Functioning Following Acquired Brain Injury. Thirtieth Annual conference of the National Academy of Neuropsychology, Vancouver BC.

### **02. Non Refereed Publications**

#### **(a) Journals**

- 1 Anton HA. Repetitive Strain Injuries: Getting Back to Work. (Review). The Canadian Journal of CME 9, 9:31-36, 1997.
- 2 Anton HA. Traumatic Brain Injury and Invisible Disability. Rehab Review. XXIV 9:27-28, 2004.

## 07. Other Works

- 1 Weeks C, Anton HA. Objective and Subjective Evaluation of the SACH, FlexWalk, and Seattle Prosthetic Feet. Worker's Compensation Board of British Columbia Grant, 1990. Unpublished material.
- 2 Anton HA. Book Review. Disorders of the Cervical Spine; Diagnosis and Medical Management. Second Edition, John Bland, Editor. W.B. Saunders Company, 1994. Annals of the Royal College of Physicians and Surgeons 28, No 7:421, 1995.
- 3 Guest Editor. Recovery Magazine. "Whiplash Associated Disorders". 10, 2. Summer, 1999.
- 4 Associate Guest Editor. Special issue - Whiplash Associated Disorders. Journal of Musculoskeletal Pain. 8, Nos. 1/2 2000.
- 5 Bassett K, Sibley LM, Anton HA, Harrison P, Kazanjian A. Percutaneous radio-frequency neurotomy treatment of chronic cervical pain following whiplash injury: Reviewing evidence and needs. BC Office of Health Technology Assessment, October 2001.