



Session	Course Number	Scheduled Hours	Class Size	Hours Taught			
				Lectures	Tutorials	Labs	Other

(d) *Continuing Education Activities*

Radiological Society of North America annual meeting, Chicago USA. November 30 – December 5, 2008

Neuro and Musculoskeletal Imaging, Kona Hawaii, February 17-22, 2008

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

Visiting Professor, University of Montreal, Montreal, Quebec. September 18-19, 2007

Visiting Professor, University of Alberta, Edmonton, Alberta, September 5-6, 2002

(f) *Other*

Resident rounds – Keeping radiology patients alive until help arrives. Presented to UBC Radiology residents 13 Feb 2002

Visiting Scholar, Vascular/Interventional Radiology, Department of Radiology, University of Pennsylvania, Philadelphia, June 1, 2000 – June 25, 2000, Dr. Michael Soulen, Director

Visiting Scholar, Vascular/Interventional Radiology, Department of Radiology, University of California, San Diego, May 1, 2000 – May 25, 2000, Dr. Anne Roberts, Director

## 6. SCHOLARLY AND PROFESSIONAL ACTIVITIES

(a) *Areas of special interest and accomplishments*

Investigation of Non-invasive Methods of Diagnostic Arteriography in Patients with Athero-occlusive disease of the Lower Extremities

Assessment of Outcomes after Endovascular Aneurysm repair, and management of late complications of this procedure

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

Granting Agency	Subject	COMP	\$ Per Year	Year	Principal Investigator	Co-Investigator(s)
CHAR/Nycomed	CT Angiography of the Lower	C	\$5945	1	Michael Martin	Borys Flak Lindsay Machan

Christie	Extremities					Peter Fry
Toshiba Canada	CT Angiography of the Lower Extremities	NC	\$4155	1	Michael Martin	Borys Flak Lindsay Machan Peter Fry

(c) *Research or equivalent 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>

(d) *Invited Presentations*

Refresher Course Lecturer, Difficult CT and MR Angiography cases, Radiological Society of North America, Chicago, USA, 1 December 2010

Advances in SFA Revascularization, The 8<sup>th</sup> Interventional/General Radiology Conference, Vancouver BC. May 1<sup>st</sup>, 2010

Informal Case Presentations, Practical Radiology, Whistler BC, February 2<sup>nd</sup>, 2010

Refresher Course Lecturer, Difficult CT and MR Angiography cases, Radiological Society of North America, Chicago, USA, 29 November 2009

CT Angiography of the Aorta and Extremities, BCRS CME, Vancouver BC. November 14, 2009

Advances in Endovascular Treatment of Aortic Disease, Canadian Anesthesiologist's Society 2009 Annual Meeting, Vancouver BC. June 27<sup>th</sup>, 2009

Refresher Course Lecturer, Difficult CT and MR Angiography cases, Radiological Society of North America, Chicago, USA, 28 November 2008

Refresher Course Lecturer, CTA of the Legs, Radiological Society of North America, Chicago, USA, 3 December 2007

Refresher Course Lecturer, CTA of the Legs, Radiological Society of North America, Chicago, USA, 29 November 2006

Refresher Course Lecturer, CTA of the Legs, Radiological Society of North America, Chicago, USA, 27 November 2005

Moderator, SFA Interventions. Annual Meeting of the Canadian Interventional Radiology Association. Huntsville Ontario 10 June 2005

Refresher Course Lecturer, CTA of the Legs, Radiological Society of North America, Chicago, USA, 29 November 2004

CTA of the legs: What Equipment is needed to get results Equal to DSA? VEITH Symposium, New York, USA, 16 November 2004

CTA of the Abdomen and Lower Extremities: Who Should Interpret the Examination? AIM Symposium, 14 November 2004

Moderator, Iliac and Aortic Stent Session. Annual Meeting of the Canadian Interventional Radiology Association. Mont Tremblant, Quebec. 10-12 September 2004

Imaging of Thoracic Aortic Emergencies, Practical Radiology Review Course, Whistler, B.C, February 13, 2004

CTA of the Lower Extremities, International Symposium of Endovascular Technologies, Miami, USA, January 25-30, 2004

Patient selection for Endovascular AAA repair, International Symposium of Endovascular Technologies, Miami, USA, January 25-30, 2004

Uterine Fibroid Embolization – Patient Selection, International Symposium of Endovascular Technologies, Miami, USA, January 25-30, 2004

Refresher Course Lecturer, CTA of the Legs, Radiological Society of North America, Chicago, USA, December 1-5, 2003

CTA in the Investigation of thoracic pathology, CTA/MRA for Interventionalists, New Orleans, USA, October 31-November 1, 2003

CTA Pitfalls, CTA/MRA for Interventionalists, New Orleans, USA, October 31-November 1, 2003

CT Angiography of the Lower extremities, CTA/MRA for Interventionalists, New Orleans, USA, October 31-November 1, 2003

Use of the Zenith AAA stent-graft, Western Angiography Annual Meeting, Vancouver, B.C., September 30, 2003

Non-invasive Lower Extremity Angiography. Presented at Practical Radiology at Whistler Meeting, Feb 13, 2003

Department of Radiology Grand Rounds, CTA of the Lower Extremities, Jan 8, 2003

Refresher Course Lecturer, Endovascular Aneurysm Repair, Radiological Society of North America Annual Meeting, Dec 5, 2002

Refresher Course Lecturer, Uterine Fibroid Embolization, Radiological Society of North America Annual Meeting, Dec 3, 2002

CT Angiography of the Lower Extremities: Techniques and Accuracy. Presented at the AIM Endovascular Symposium, New York, USA, Nov 19, 2002

Endovascular aneurysm repair: UBC Experiences. Presented at the TEAMS Endovascular symposium, Halifax, Nova Scotia, Oct 24-25, 2002

How to Deploy an AAA Stent-Graft, presented at Canadian Interventional Radiology Association Annual Meeting, Niagara on the Lake, Ontario, Jun 06 – 07, 2002

Moderator, Iliac Angioplasty and Stenting Session, presented at Canadian Interventional Radiology Association Annual Meeting, Niagara on the Lake, Ontario, Jun 06 – 07, 2002

Uses of the Wallgraft Endoprosthesis, presented at Canadian Interventional Radiology Association Annual Meeting, Niagara on the Lake, Ontario, Jun 06 – 07, 2002

Non-invasive Lower Extremity Angiography.  
Presented at Practical Radiology at Whistler Meeting, Feb 3-8, 2002

Co-presenter, Surgery Grand Rounds, Endovascular Treatment of Aneurysms, November 29, 2000, Vancouver

Co-presenter, Radiology Grand Rounds, Endovascular Treatment of Abdominal Aortic Aneurysms, October 4, 2000, Vancouver

(e) *Other Presentations*

Vascular Surgery Rounds, CT Angiography of the Lower Extremities, April 2001

Vascular Surgery Rounds, Carotid Stenting, March 2000

Vascular Surgery Rounds, Arterial Thrombolysis, November 1999

(f) *Other*

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

Faculty Member, International Symposium of Endovascular Technologies, Miami, USA, January 25-30, 2004

Faculty Member, CTA/MRA for Interventionalists, New Orleans, USA, October 31-November 01, 2003

Faculty Member, Canadian Interventional Radiology Association Annual Meeting, Niagara on the Lake, Ontario, May 28-30, 2003

Faculty Member, Advanced Interventional Management Symposium, New York, NY, November 19-21, 2002

Faculty Member, Canadian Interventional Radiology Association Annual Meeting, Niagara on the Lake, Ontario, Jun 06 – 07, 2002

Faculty Member, Vascular Endovascular Issues Techniques Horizons Symposium, New York, NY, November 16-21, 2001

Faculty Member, Advanced Interventional Management Symposium, New York, NY, November 13-16, 2001

Faculty Member, Great Lakes Endovascular Symposium, Dearborn, MI, USA, October 19 – 20, 2001

Faculty Member, 2000 Canadian Endovascular Strategy Workshop, September 28, 2000, Banff, Canada

## 7. **SERVICE TO THE UNIVERSITY**

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

- Assistant Program Director, Radiology Residency Program, University of British Columbia, February 1, 2003- June 30, 2010
- Director, Vascular and Non-vascular Interventional Radiology Fellowship, University of British Columbia, February 1, 2002 - June 30, 2007
- Residency Education Committee, UBC Hospital Representative, University of British Columbia, July 1, 2001 – June 2010
- Residency Training Committee, Chief Resident, University of Alberta (1998-1999)
- Residency Training Committee, 3<sup>rd</sup> year representative, University of Alberta (1997-1998)

### (b) *Other service, including dates*

## 8. **SERVICE TO THE COMMUNITY**

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

Member, Radiologic Society of North America, June 1999 – present

Member, Society of Interventional Radiologists, January 2001 – present

Member, Canadian Association of Radiologists, July, 1996 - present

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

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

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

### (e) *Editorships (list journal and dates)*

Editorial Board, Journal of Vascular and Interventional Radiology, November 2002 - present

### (f) *Reviewer (journal, agency, etc. including dates)*

- Manuscript Reviewer, Journal of Vascular and Interventional Radiology (01 July 2000 – present)

Manuscript Reviewer, Journal of Endovascular Technologies (15 January 2004 – present)

Manuscript Reviewer, Journal of Obstetrics and Gynecology of Canada (20 March 2005 – present)

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

(h) *Consultant (indicate organization and dates)*

(i) *Other service to the community*

## **9. AWARDS AND DISTINCTIONS**

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

(b) *Awards for Scholarship (indicate name of award, awarding organizations, date)*

- Lambros Costopoulos Memorial Bursary, awarded by Medical Imaging Consultants for achievement during residency training, University of Alberta, 1998-1999
- Dean's Honor Roll, Faculty of Science, University of Alberta (1988-89, 1989-1990)

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

(d) *Other Awards*

Distinguished Reviewer, Journal of Vascular Interventional Radiology, 2001

## **10. SERVICE TO THE VHHSC**

(a) *Memberships or committees, including offices held and dates*

Head, Division of Interventional Radiology, Vancouver General Hospital, 01 January 2005 – June 30, 2009

(b) *Other service, including dates*

**DATE: 24 January 2007**

**SURNAME: Martin**

**FIRST NAME: Michael**

**MIDDLE NAME(S): Lawrence**

**1. REFEREED PUBLICATIONS**

*(a) Journals*

Comparison of MRI and Sonography in the Preliminary Evaluation for Fibroid Embolization. Audrey L. Spielmann, Ciaran Keogh, Bruce B. Forster, **Michael L. Martin**, Lindsay S. Machan. American Journal of Roentgenology 2006 187: 1499-1504

Pain and Anxiety: Two Problems, Two Solutions. **Michael L. Martin**, Pamela H. Lennox, Brendan T. Buckley. J Vasc Interv Radiol 2005 16: 1581-1584

Sedation and Analgesia in the Interventional Radiology Department. **Michael L. Martin**, Pamela H. Lennox. J Vasc Interv Radiol 2003 September;14: 1119-28

Multi-detector CT angiography of the aortoiliac system and lower extremities: prospective comparison with digital subtraction angiography. **Michael L. Martin**, Kiang-Hiong Tay, Borys Flak, Peter D. Fry, D. Lynn Doyle, David C. Taylor, York N. Hsiang, Lindsay S. Machan. American Journal of Roentgenology 2003 180: 1085-91

Selective Spermatic Venography and Varicocele Embolization in Men with Circumaortic Left Renal Veins. Kiang-Hiong Tay, **Michael L. Martin**, A. Lisl Mayer, and Lindsay S. Machan. J Vasc Interv Radiol 2002 13: 739-742.

Common Iliac Artery Occlusion with Use of Gianturco Coils and Ethylene Vinyl Alcohol Liquid Embolization Agent before Aortouniliac Stent-Graft Deployment. Kiang-Hiong Tay, **Michael L. Martin**, David Taylor, and Lindsay S. Machan. J Vasc Interv Radiol 2002 13: 753-755.

Repeated Günther Tulip Inferior Vena Cava Filter Repositioning to Prolong Implantation Time. Kiang-Hiong Tay, **Michael L. Martin**, Peter D. Fry, John G. Webb, Lindsay S. Machan. J Vasc Interv Radiol 2002 13: 509-512

Percutaneous repair of punctured subclavian artery under fluoroscopy. John Tsang, **Michael Martin**, Lindsay Machan. Crit Care Med 2002; 30:928-930

Uterine artery embolization to treat uterine fibroids. Lindsay Machan, **Michael Martin**. Can Assoc Radiol J 2001;52:183-187

Treatment of Type II Endoleaks with Onyx. **Michael L. Martin**, Bart L. Dolmatch, Peter D. Fry, Lindsay S. Machan. J Vasc Interv Radiol 2001; 12:629-632.

Endoleaks and the Need for a Paradigm Shift. Peter D. Fry, **Michael L. Martin**, Lindsay Machan. J Endovasc Ther 2000; 7:521-522 (letter)

Role of Transcranial Doppler Monitoring in the Diagnosis of Cerebral Vasospasm after Subarachnoid Hemorrhage. Yashail Y. Vora, Maria Suarez-Almazar, David E. Steinke, **Michael L. Martin**, J. Max Findley. Neurosurgery 44: 1237-1248, 1999.

Mastoid Pneumocele Causing Atlantooccipital Pneumatization. **Michael L. Martin**, Ravi Bhargava, Robert A. Ashforth, Donald B. Russell. *AJNR Am J Neuroradiol* 19: 1231-1233, August 1998.

(b) *Conference Proceedings*

Comparison of DSA and CTA in the Visualization of Calf Runoff in Patients with Proximal Occlusive Arterial Disease (abstract).

Authors: Michael L. Martin, Andrew L. Thompson, Ciaran Keogh, Lindsay Machan  
Abstract presented at SCVIR Annual Meeting, April 6-11, 2002. Baltimore, USA

Scrotal Ultrasound Findings after Varicocele Embolization (abstract).

Authors: Lindsay Machan, Michael L Martin.  
Abstract presented at SCVIR Annual Meeting, April 6-11, 2002. Baltimore, USA

Role of Liquid Copolymers in Endovascular AAA Repair (abstract).

Authors: Michael L. Martin, Lindsay S. Machan, Peter D. Fry. Presented at the Pacific Northwest Vascular Society Annual Meeting, Victoria, B.C., November 8, 2001

Treatment of Type II Endoleaks With Onyx (abstract).

Authors: Michael L. Martin, Lindsay Machan, Bart Dolmatch, Peter Fry. *J Vasc Interv Radiol* 2001; 12 (suppl) S44. Abstract presented at SCVIR Annual Meeting March 4-8, 2001 San Antonio, USA

Endovascular Treatment of Abdominal Aortic Aneurysms in Non-operative Candidates (abstract).

Authors: Michael L. Martin, Lindsay Machan, Bart Dolmatch, Peter Fry. *J Vasc Interv Radiol* 2001; 12 (suppl) S22. Abstract presented at SCVIR Annual Meeting March 4-8, 2001 San Antonio, USA

Treatment of Type II Endoleaks With Onyx.

Authors: Michael L. Martin, Lindsay Machan, Bart Dolmatch, Peter Fry. Presented at the World Congress of Endovascular Therapy, February 12-15, 2001 Phoenix, USA

Outcome after Varicocele Embolization in Infertile Men with Atrophic or Dystrophic testes (abstract).

Authors: Michael L. Martin, Lindsay Machan. *J Vasc Interv Radiol* 2000; 11 (suppl) S222. Abstract presented at SCVIR Annual Meeting March 25-30, 2000 San Diego, USA.

(c) *Other*

Management of Late Complications Following Endovascular Abdominal Aortic Aneurysm Repair

Authors: David M Liu, Michael L Martin, Lindsay S Machan, KH Tay, Peter D Fry.  
Poster Presentation, Canadian Association of Radiologists Annual Meeting, September 21-23, 2001, Vancouver, BC, Canada

Adjunctive Percutaneous Procedures During Endovascular Abdominal Aortic Aneurysm Repair

Authors: Eric Herget, Michael L Martin, Lindsay S Machan, KH Tay, Peter D Fry.  
Poster Presentation, Canadian Association of Radiologists Annual Meeting, September 21-23, 2001, Vancouver, BC, Canada

Identification of Late Complications Following Endovascular Abdominal Aortic Aneurysm Repair

Authors: David M Liu, Michael L Martin, Lindsay S Machan, KH Tay, Peter D Fry.  
Poster Presentation, Canadian Association of Radiologists Annual Meeting, September 21-23, 2001, Vancouver, BC, Canada

Spermatic Venography in Infertile Men with Equivocal Scrotal Ultrasound Findings.  
Authors: Michael L. Martin, Lindsay Machan.  
Poster Presentation, SCVIR Annual Meeting, March 25-30, 2000 San Diego, USA.

## 2. **NON-REFEREED PUBLICATIONS**

### (a) *Journals*

Interventions for Symptomatic Uterine Fibroids and Chronic Pelvic Pain. Kiang-Hiong Tay, Michael L. Martin, Lindsay S. Machan. Contemporary Diagnostic Radiology 2001; V. 24 No. 23:1-6

Ovarian Vein Embolization for Pelvic Congestion Syndrome. Lindsay Machan, Michael L. Martin. Seminars in Interventional Radiology 2000; 17:277-284

### (b) *Conference Proceedings*

### (c) *Other*

## 3. **BOOKS**

### (a) *Authored*

### (b) *Edited*

### (c) *Chapters*

## 4. **CONFERENCES / MEETINGS ATTENDED**

Radiological Society of North America Annual Meeting, Chicago, USA, 29 Nov – 04 Dec 2010

Radiological Society of North America Annual Meeting, Chicago, USA, 28 Nov – 03 Dec 2009

Radiological Society of North America Annual Meeting, Chicago, USA, 30 Nov – 05 Dec 2008

Radiological Society of North America Annual Meeting, Chicago, USA, 28 Nov – 03 Dec 2007

Radiological Society of North America Annual Meeting, Chicago, USA, 26 Nov – 02 Dec 2006

Radiological Society of North America Annual Meeting, Chicago, USA, 25 Nov – 01 Dec 2005

Canadian Interventional Radiology Annual Meeting, Huntsville, Ontario. June 9-11, 2005

Radiological Society of North America Annual Meeting, Chicago, USA, 28 Nov – 02 Dec 2004

AIM Symposium / VEITH Symposium. New York, USA 14-19 November, 2004

CIRSE Annual Meeting, Barcelona, Spain. 30 September – 02 October 2004

Canadian Interventional Radiology Annual Meeting, Mont Tremblant, Quebec. September 9-11, 2004

Society of Interventional Radiology Annual Meeting, Phoenix, USA, March 25-29, 2004

Practical Radiology, Whistler, B.C., 13 February, 2004

Radiological Society of North America Annual Meeting, Chicago, USA, December 1-5, 2003

CTA/MRA for Interventionalists, New Orleans, USA, October 31-November 1, 2003

Society of Interventional Radiology Annual Meeting, Salt Lake City, USA, April 10-14, 2003

Radiological Society of North America Annual Meeting, Chicago, USA, Dec 1-6, 2002

Advanced Interventional Management Symposium, New York, NY, November 19-21, 2002

TEAMS Symposium, Halifax, Nova Scotia, October 24-25, 2002

Society of Cardiovascular and Interventional Radiology Annual Meeting, Baltimore, USA, April 6-11, 2002

Practical Radiology, Whistler Canada, Feb 3-8, 2002

Advanced Interventional Management Symposium, New York, NY, November 13-16, 2001

Pacific Northwest Vascular Society Annual Meeting, Victoria, B.C., November 8, 2001

Great Lakes Endovascular Symposium, Dearborn, MI, USA, October 19 – 20, 2001

Society of Cardiovascular and Interventional Radiology Annual Meeting, San Antonio, USA March 4-8, 2001

World Congress of Endovascular Therapy, Phoenix, USA, February 12-15, 2001

Society of Cardiovascular and Interventional Radiology Annual Meeting, San Diego, USA, March 25-30, 2000