

THE UNIVERSITY OF BRITISH COLUMBIA
Curriculum Vitae for Faculty Members

Date:
Verification Signature:

18 October 2018



1.	SURNAME:	Schertzer	FIRST NAME:	Robert
			MIDDLE NAME(S):	Michael

2.	DEPARTMENT/SCHOOL:	Department of Ophthalmology and Visual Sciences
3.	FACULTY:	Faculty of Medicine
	JOINT APPOINTMENTS:	n/a
4.	PRESENT RANK:	Clinical Associate Professor

5. POST-SECONDARY EDUCATION

(a) Universities or Institutions

University or Institution	Degree	Subject Area	Dates
American Board of Ophthalmology	DABO	Ophthalmology	1994 - Present
University of British Columbia	MEd	Adult Education	2000 - 2005
Royal College of Physicians & Surgeons of Canada	FRCSC	Ophthalmology	1994
Dartmouth College		Glaucoma Fellowship	1994 - 1995
McGill University		Ophthalmology Residency	1989 - 1994
Dalhousie University		Rotating Internship	1988 - 1989
Dalhousie University	MD	Medicine	1983 - 1988
McGill University	BSc	Physiology	1980 - 1983
University of Waterloo		Science	1979
Marianopolis College (CEGEP)	DCS	Science	1978 - 1980

(b) Title of Dissertation and Name of Supervisor – n/a

(c) Continuing Education or Training

	University or Institution	Type	Detail	Dates
1.	Epic University	EMR	Kaleidoscope	January 2016
2.	Epic University	EMR	Basic Physician Builder	Dec 2015
3.	The Dartmouth Institute	PHP	Clinical Microsystems	2014

(d) Continuing Medical Education

Ongoing: CME Report available on request with the following activities:	
1.	Conferences and meetings (see below)
2.	Literature review (Audio Digest, Practical Reviews of Ophthalmology, journals)
3.	Ophthalmology rounds

(e) Professional Qualifications

1.	Board-certified ophthalmologist (Canada & USA)
2.	Sub-specialized in glaucoma – clinical and surgical
3.	Surgeries: glaucoma including MIGS, cataract
4.	Expertise in EMRs (Electronic Medical Records)
5.	Expertise in physician education with Masters of Education degree
6.	Tech geek: maintain several websites, a podcast, interested in everything tech.

6. EMPLOYMENT RECORD**(a) Prior to UBC**

University, Company or Organization	Rank or Title	Dates
Geisel School of Medicine at Dartmouth	Associate Clinical Professor Surgery	Oct 2013 - Feb 2018
Dartmouth Hitchcock Medical Center	Medical Staff, Surgical Privileges	Sept 2013 - Feb 2018
University of Michigan	Clinical Assistant Professor	Jan 1996 - Oct 1999
University of Michigan Health System, Kellogg Eye Center	Medical Staff, Surgical Privileges	Jan 1996 - Oct 1999

(b) Present

University, Company or Organization	Rank or Title	Dates
Dr. Robert Schertzer Inc. / West Coast Glaucoma at: - North Shore Eye Associates - Dr. Noa Mallik - Dr. Krista Scott	Glaucoma Specialist/ President	March 2018 - Present
Cambie Surgery Centre	Surgical Privileges	Feb 2018 - Present

(c) At UBC – Academic & Hospital (since first employment)

Appointment Title	Description (tenured, tenure-track, clinical)	Dates
Clinical Associate Professor Ophthalmology & Visual Sciences	Clinical track	Oct 2018 - present
Vancouver General Hospital	Active Medical Staff with Surgical Privileges	Nov 1999 - July 2013
Robert M. Schertzer, MD, Inc. / West Coast Glaucoma Center	Glaucoma Specialist / President	Nov 1999 - July 2013
Clinical Associate Professor Ophthalmology	Clinical	April 2008 - July 2013
Cambie Surgery Centre	Surgical Privileges	April 2004 - Dec 2007
Clinical Assistant Professor Ophthalmology	Clinical	April 2003 - April 2008
British Columbia's Children's Hospital	Consultant with admitting & surgical privileges	Dec 2002 - June 2012
Assistant Professor Ophthalmology	Tenure-track (educator)	Nov 1999 - April 2003

(d) Date of granting of tenure at UBC: n/a

7. LEAVES OF ABSENCE

University, Hospital, Practice or Organization at which Leave taken	Type of Leave	Dates
UBC committee work	Medical leave after acute M.I.	April 2005 - March 2006

8. TEACHING

(a) Areas of special interest and accomplishments

I have been in glaucoma clinical and academic practice since 1996. I fully embrace educational technology for continuing professional development, and have helped create and foster inter-professional collaborative models of eye care.

At the University of Michigan, I developed a series of interactive CD ROMs to teach ophthalmic surgical procedures. This series, *Multimedia Oculosurgical Modules (MOM)*, was the top selling ophthalmic title for Mosby Inc, the leading publisher in ophthalmology at the time, and was an innovation in the use of technology for teaching medicine.

After starting my Masters in Education at UBC in 2000, while in full-time practice, it became clear to me that the needs of the practicing physician had not been properly assessed in specialty areas of medicine when the curriculum was developed. I completed my Masters in Education work in 2005 with two studies. The first looked at the practice patterns of all glaucoma specialists in Canada to determine whether we had the resources to care for the growing population of glaucoma patients. The second examined what general ophthalmologists in urban and rural settings in BC needed to know to determine if our residency training program delivered appropriate content. This concept was adopted into UBC Ophthalmology's curriculum.

In 2001-2004, while I was chair of our weekly Grand Rounds, I created online access to the lectures. This was further expanded to live Telemedicine broadcasting across the province to increase the exchange of knowledge in the community.

As Director of Undergraduate Education for ophthalmology from January 2002 until my heart attack in 2005, I developed a mini-clinical evaluation exercise ("mini-CEX") to assess medical students' mastery of key aspects of the eye exam during their third-year rotation in ophthalmology. I brought my knowledge of distributed learning to monthly medical school expansion meetings and worked on a new ophthalmology curriculum for the medical students.

I have been actively involved in fostering inter-professional collaboration in eye care at the local, provincial, and national levels. In BC, I helped create the Standards, Limits and Conditions for Glaucoma care by Optometry. In Canada, I helped write the *Guidelines for Inter-professional Collaboration for Glaucoma Care* with the Canadian Glaucoma Society. I was on the Board of Directors of the Canadian Coalition of Eyecare Professionals (CCEPro), building bridges between Opticians, Optometrists and Ophthalmologists. All of these efforts focus on patient-centred care.

My M.Ed. fostered an interest in program planning. I have organized glaucoma programs at national meetings, including surgical skills transfer workshops and programs at the Canadian Ophthalmological Society annual meetings. I helped develop the curriculum for a fully accredited national speakers program and have taken advantage of the latest technology to bring glaucoma education to a wider audience.

I have a podcast series, "Talking About Glaucoma," a Glaucoma Patient Group on Facebook, a blog on Glaucoma, Health IT, technology and inter-professional collaboration that has more than 1,700 visitors per month (<http://wholelottarob.com>), run a sub-reddit for posting glaucoma published literature (<http://talkingaboutglaucoma.reddit.com>), and I created the Canadian Glaucoma Society website (<http://cgs-scg.org>). My expertise in technology and media tools for education led to my appointments to the Practice Management sub-committee and the Website Committee for the American Glaucoma Society, and the board of King David High School. Technology is changing how we provide continuing professional

development and distribute medical information and I love being part of the change.

(b) Courses Taught at UBC:

1.	Taught medical students, residents and fellows in clinical and surgical setting. Detailed timesheets available upon request.	October 1999 - July 2013
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(c) Students Supervised at UBC:

1.	Supervised medical students, residents and fellows in my clinical practice and in surgery. Lists of fellows available upon request.	October 1999 - July 2013
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(d) Continuing Education Activities

Continuing Education Presentations (as Educator/Lecturer, Keynote Speaker, visiting and invited lecturer, grand rounds) (include community/organization):

Local – UBC Sponsored

Topic	Activity/Role	Date
1. Glaucoma Top 10 Misconceptions	1 hour interactive grand rounds	February 1, 2008 (UBC ECC)
2. Hypotony	1/2hr lecture to Ophthalmologists at BCSEPS Clinical Day	April 20, 2007 (Wosk Centre for Dialogue)
3. HRT progression	UBC Grand Rounds: Presented lecture and led discussion	March 23, 2007
4. Glaucoma: trabeculectomy & follow-up care	UBC Grand Rounds: Presented lecture & discussion:	March 10, 2006
5. The Clinical Application of Diagnostic Testing in Glaucoma	Presented lecture & co-organized the day	November 8, 2002
6. Various talks	(2 hour equivalent) Chaired program and presented talks	October 19, 2001
7. UBC Grand Rounds	1 hour lecture with Drs Kendall Ho and Duncan Anderson	January 26, 2001
8. Glaucoma Drainage Implants	1 hour lecture on UBC Nursing in-service	November 29, 2000
9. How do Ophthalmologists Learn and Secondary Angle Closure Glaucoma	1 hour lecture: UBC Grand Rounds	January 7, 2000

Local – Non-UBC Sponsored

Topic	Organization/Role	Date
1. Pot Pourri for \$1000 Alex	College of Optometrists of BC Clinical Education Day	May 6, 2018 (UBC Eye Care Centre)
2. Overview of Pharmacologic Treatment of Glaucoma	Invited speaker for BC Optometry CE Program (Alcon)	Apr 22, 2013 Burnaby
3. MIGS and Tubes	Invited speaker (Labtician)	Nov 26, 2012 Richmond
4. POAG OD Eye MD Perspective	Invited speaker for BC Optometry CE Program	Sept 23, 2012 (UBC Eye Care Centre)
5. Surgical Therapy in Glaucoma	Invited speaker for BC Optometry CE Program	Sept 23, 2012 (UBC Eye Care Centre)
6. Imaging: Standard of Care?	INSIGHTS in Ophthalmology (Allergan)	July 10, 2012 Victoria, BC
7. iStent, Glaucoma Progression, Optometry & More	Invited speaker North Shore Eye Associates	December 1, 2010
8. Advances in Surgical Glaucoma	Invited speaker for BC Optometry CE Program	Sept 19, 2010 (UBC Eye Care Centre)
9. Treatment Philosophy Open Angle Glaucoma	Invited speaker for BC Optometry CE Program	September 19, 2010 (UBC Eye Care Centre)
10. Glaucoma: Patient Centred Care	Invited speaker for BC Optometry CE Program	April 11, 2010 (UBC Eye Care Centre)
11. The Latest In Social Networking: Tech Tips For Today's Ophthalmologists	Invited speaker North Shore Eye Associates	November 18, 2009
12. Glaucoma Surgery	1 hr lecture to most optometrists in BC (BCAO CE program)	February 16, 2008
13. Glaucoma Top 10 Misconceptions	1.5 hr discussion with ophthalmologists (Merck)	October 23, 2007 (Surrey)
14. Personal Learning Project: New Therapies and Imaging	2 hr discussion with ophthalmologists (Alcon)	May 9, 2007 (Kelowna)
15. Medical Treatment of Glaucoma	1 hr discussion with ophthalmologists (Merck)	April 25, 2007
16. Personal Learning Project: Modules: Diurnal pressure control and case studies	3 hrs to ophthalmologists (Alcon Canada)	March 14, 2007 (Surrey)
17. The Angle and Disc	2 hr lecture and discussion for optometrists	February 26, 2007
18. Personal Learning Project: Modules: Diurnal pressure control	3 hrs to ophthalmologists on cases studies for personal learning projects (Alcon Canada)	March 4, 2006
19. Glaucoma: The Role of the GP	1 hr Family Practice Grand Rounds (Alcon Canada)	December 6, 2005 (Mt St Joseph Hospital)
20. AGS Annual Meeting Highlights	1 hr lecture & discussion	March 16, 2005

	(Allergan)	(EyeWest Vision)
21. HRT Detecting Progression	1 hr lecture & discussion at BC Assoc'n Optometrists Annual Congress (Innova Medical)	February 19, 2005
22. Glaucoma Technology & Dry Eye	2 hr lecture & discussion (Alcon Canada)	November 30, 2004
23. Are We There Yet? Ch. 1 & 2	2 hr lecture & discussion (Merck-Frosst)	June 3, 2004
24. HRT & PG Analogs	2 hr lecture & discussion (Merck-Frosst)	May 26, 2004
25. Are We There Yet? Ch. 1 & 2	2 hr lecture & discussion (Merck-Frosst)	May 12, 2004 (Surrey)
26. Pharmacology Update 2003	1.5 hr lecture & discussion	May 27, 2003
27. You Never Told Me I Have Glaucoma!	1.5 hr lecture & case discussions (Allergan)	March 31, 2003 (Surrey)
28. Target IOP & HRT	2 hr lecture & case discussions (Allergan)	July 16, 2002
29. Gonioscopy & Fundus Lens workshop	1 hour session for BC Optometry Association Optifair 2002	February 17, 2002
30. Pharmacology Update	3 hour lecture (Merck Frosst)	November 22, 2001
31. Pharmacology, Neuroprotection, Trabeculectomy, Wick Surgery	Conducted 3 hour workshop (Allergan)	June 13, 2001
32. Eye 2 Eye Whistler	(1 hour equivalent) Moderator of glaucoma program (Pharmacia)	March 10, 2001 (Whistler)
33. Glaucoma Workshop	Conducted 2.5 hour session with case reviews and CPD	December 5, 2000
34. Telemedicine	1 hour lecture for Odd Fellows and Rebekahs	November 9, 2000
35. Nerve Head Imaging Techniques	2 hour lecture (Merck)	October 11, 2000 (Langley)
36. Glaucoma Workshop	Conducted 3.5 hour case review session	August 16, 2000 (Kelowna)
37. Visual Fields & Glaucoma	1 hour lecture for Downtown Vancouver Rotary Club	July 5, 2000
38. Glaucoma Workshop	Conducted 3 hour case review session (Allergan)	May 16, 2000 (Abbotsford)
39. Glaucoma Workshop	Conducted 3.5 hour case review session (Allergan)	May 9, 2000 (Victoria)
40. Trabeculectomy and Pharmacology Update	2 hour lecture (Alcon) for optometrists	April 13, 2000 (Richmond)
41. Ophthalmology Millennium Update	(1 hour equivalent) Moderator of glaucoma program (Pharmacia)	February 25-27, 2000 (Whistler)

42. Visual Fields for the New Millenium	45 minute lecture (Allergan)	January 21, 2000
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(e) Visiting Lecturer (indicate university/organization and dates)

National (Canadian) Meeting/Event

Topic	ORGANIZATION/ROLE	DATE
1. Tube shunt surgical mini-symposium	Program moderator and speaker at Canadian Ophthalmological Society Annual meeting	June 10, 2011 (Vancouver, BC)
2. New devices & techniques glaucoma surgery	Program moderator & speaker at Canadian Ophthalmological Society Annual Meeting	June 10, 2011 (Vancouver, BC)
3. Electronic Medical Records workshop	Program director and speaker at Canadian Ophthalmological Society Annual meeting	June 9, 2011 (Vancouver, BC)
4. Top 5 Benefits of EMR...	University of Alberta Ophthalmology Grand Rounds	April 1, 2011 (Edmonton, AB)
5. HRT in daily practice	Glaucoma Clinical Day University of Alberta and Calgary	April 1, 2011 (Edmonton, AB)
6. Electronic Medical Records workshop	Program director and speaker at Canadian Ophthalmological Society annual meeting	June 29, 2010 (Quebec City, QC)
7. Glaucoma drainage device workshop	Program director at Canadian Ophthalmological Society annual meeting	June 21, 2009 (Toronto, ON)
8. Glaucoma Top 10 Misconceptions	University of Alberta Ophthalmology Grand Rounds	November 16, 2007 (Edmonton, AB)
9. Indispensable gadgets in Ophthalmology	1/4hr Panel debate at Canadian Ophthalmological Society Annual Mtg)	June 22, 2007 (Montreal, QC)
10. HRT nerve scan progression software	1 hr seminar to Ophthalmologists teaching tips & tricks (Heidelberg Eng/Innova Med)	June 20, 2007 (Montreal, QC)
11. Electronic Medical Record: making the transition	1 hr seminar at Annual Glaucoma Meeting (Alcon)	March 31, 2007 (Whistler, BC)
12. HRT progression	6 hr lecture at Canadian Ophthalmological Society annual meeting	June 21, 2006 (Toronto, ON)
13. Glaucoma continuum vol. 4	4 hrs training Pfizer national sales team on practice mgt module	May 15, 2006 (Victoria, BC)
14. Glaucoma Adherence Problem: Bridging the GAP	Compliance issues in glaucoma (Alcon)	March 31, 2006 (Lake Louise, AB)

15. Stereo disc photo: still the standard of care?	Presented the no side in a debate (Alcon)	March 31, 2006 (Lake Louise, AB)
16. Medical Treatment of Glaucoma" & Optic Nerve Function	25 hrs developing DVD course material for national teaching program (Merck-Frosst Canada)	Jan/Feb, 2005
17. Glaucoma case presentations	5hrs presented cases, moderated session, co-organized program: Canadian Glaucoma Society	June 17, 2004 (COS Annual Meeting, Vancouver)
18. Glaucoma Surgical Complications	1 hr Hopital Maisonneuve-Rosemont Glaucoma Rounds	April 5, 2004 (Universite de Montreal)
19. Normal Tension Glaucoma case presentation	Canadian First Annual Glaucoma Meeting (Alcon Canada)	September 28, 2002 (Halifax)
20. How to teach glaucoma & pharmacology update	1.5hrs Grand Rounds at McGill University as guest speaker	March 28, 2002
21. Case discussions to McGill ophthalmology residents	4 hrs: Visiting Professor McGill University Ophthalmology	March 26, 2002
22. Pharmacology update and trabeculectomy	2 hour lecture (Allergan)	September 21, 2001 (Winnipeg)
23. Glaucoma Update	2 hour lecture (Canadian Optometry Association National Congress)	February 18, 2001 (Vancouver)
24. Pharmacology update	1 hour lecture (Alcon)	September, 2001 (University of Alberta)
25. Glaucoma Surgical Complications	(1 hour equivalent) Chaired session Alcon Masters Club 2001	March 18-20, 2001 (Tucson, AZ)
26. Computers in Ophthalmology and Workshop on Glaucoma Case Studies	.5 hr lecture & moderated workshop Alcon Masters Club 2000	March 14, 2000

International Meeting/Event

Activity	Role	Date
1. Pot Pourri for \$1000 Alex	Dartmouth-Hitchcock Medical Center Grand Rounds	Dec 7, 2017 (Lebanon, NH)
2. Super Bowl of Grand Rounds: Am I missing something? (Supraclinoid ICA Aneurysm)	American Glaucoma Society	Mar 5, 2017 (Coronado, CA)
3. Managing the Post-op Glaucoma Patient and Stump the Chump	Dartmouth-Hitchcock Medical Center Grand Rounds	Jan 5, 2017 (Lebanon, NH)
4. Super Bowl of Grand Rounds: Dealing with Ophthalmology Repeat Offenders	American Glaucoma Society	Mar 1, 2015 (Coronado, CA)
5. OCT Tips	Dartmouth-Hitchcock Medical Center Grand Rounds	Feb 5, 2015 (Lebanon, NH)
6. Late Onset Hypotony &	Dartmouth-Hitchcock Medical Center	Dec 3, 2014

subluxed IOL cases	Grand Rounds	(Lebanon, NH)
7. Social Media in Glaucoma Care	American Academy of Ophthalmology Annual Meeting, Glaucoma Subspecialty Day	Oct 18, 2014 (Chicago, IL)

8. OCT Interpretation & Tips	Downeast Ophthalmology Symposium	Sep 21, 2014 (Bar Harbor, ME)
9. What Can My EMR do to Help Me Care for My Glaucoma Patients?	Downeast Ophthalmology Symposium	Sep 21, 2014 (Bar Harbor, ME)
10. Medical Treatment of Glaucoma	Downeast Ophthalmology Symposium	Sep 19, 2014 (Bar Harbor, ME)
11. Glaucoma Surgical Advances	Dartmouth-Hitchcock Medical Center Grand Rounds	Oct 3, 2013 (Lebanon, NH)
12. Super Bowl of Grand Rounds: Visual Field and Hearing Loss	American Glaucoma Society	Mar 3, 2013 (San Francisco, CA)
13. Glaucoma: Not Just Pressure	International Lions Eye Summit (Vancouver)	Sept 29, 2012
14. Debate: Why Patients Should Not be Offered GDD as Primary Procedure	Glaucoma Today 2012	Mar 30, 2012 (Tel Aviv)
15. Trabeculectomy: When Things Go Wrong	Glaucoma Today 2012	Mar 30, 2012 (Tel Aviv)
16. Are We Reaching Our Patients?	Glaucoma Today 2012	Mar 29, 2012 (Tel Aviv)
17. Tubes: What Might Go Wrong	Glaucoma Today 2012	Mar 29, 2012 (Tel Aviv)
18. Glaucoma Top 10	Grand Rounds	Mar 28, 2012 (Hadassah Medical Center, Israel)
19. Should I Stay or Should I go? (explanting ExPress shunt)	40 min presentation & discussion in Super Bowl of Grand Rounds	March 6, 2011 (Dana Point, CA)
20. You Never Told Me I Have Glaucoma – Breaking Bad News To Patients	40 min presentation & discussion in “Super Bowl of Grand Rounds”	March 9, 2008 AGS (Washington, DC)
21. Glaucoma Top 10 Misconceptions	Grand Rounds, University of Pittsburgh Medical Center	October 27, 2007 (Pittsburgh, PA)
22. EMR’s in Ophthalmology Voice recognition, VPN access to test results for patient care and education, gradual transition to the EMR	3 hrs Co-chairing and lecturing at a workshop for glaucoma specialists	March, 2007 AGS (San Francisco, CA)
23. Relentless pursuit of perfection (Bleb complications)	1 hr presentation & discussion in “Super Bowl of Grand Rounds”	March, 2007 AGS (San Francisco, CA)
24. EMR’s in the Glaucoma Practice	3 hrs Co-chaired and lectured at a workshop for glaucoma specialists	March 6, 2005 AGS (Snowbird, Utah)
25. Comparison of Silicone and Polypropylene Ahmed Valve Glaucoma Drainage Devices	Peer reviewed research paper presentation: American Glaucoma Society Annual Mtg	March 4, 2005 (Snowbird, Utah)

(f) Other:

Other administration related to teaching (not included elsewhere)

(National or local, course or curriculum planning, curriculum innovation, residency committee, faculty development, preparation/administration/evaluation of examinations)

Institution	Role	Dates
Dartmouth Hitchcock Clinic	Coach: Lead Improvement Team Ophthalmology referral process	2014 - 2015
Dartmouth Hitchcock Clinic	Medical Director Ophthalmology Grand Rounds	2014 - 2018
VCH (VGH Site)	Member education committee: Centre for Surgical Excellence	2002 - 2013
UBC Medical School	Phase IV Medical School program director for Ophthalmology	1999 - 2005
UBC Ophthalmology	Director of UBC Ophthalmology Grand Rounds	2001 - 2004
UBC Ophthalmology	Website planning committee	2001 - 2004
UBC Ophthalmology	Director Undergraduate Medical Education Ophthalmology	2002 – 2005
UBC Ophthalmology	Co-chair annual Research & Alumni Day planning committee	2001 - 2003
UBC Medical School	Founding member Health Science Computer Assisted Learning workgroup	2002

9. SCHOLARLY AND PROFESSIONAL ACTIVITIES

(a) Areas of special interest and accomplishments

I have established a reputation at the national and local areas as a glaucoma clinician-educator. I have been involved in continuing professional development, developing educational material used across the country. I have been an invited speaker as an expert in glaucoma and clinical technology at local, national and international meetings.

I have been active in setting standards of glaucoma care in Canada by working on national committees. As part of the Canadian Perspectives in Glaucoma Management, we developed a unique series of guidelines, published in the Canadian Journal of Ophthalmology and used as course material across the country. These standards have involved combining evidence-based medicine with clinical consensus. To date, guidelines on classification of glaucoma severity and on Central Corneal Thickness measurements have been published. In 2009, we published our recommendations on treatment and follow-up of open-angle glaucoma patients based on recognizing the risk factors for glaucomatous progression. I have also co-authored the Standards, Limitations, and Conditions of treating glaucoma by optometrists in BC with the College of Optometrists Therapeutics committee, the Canadian guidelines on inter-professional management of glaucoma patients with the Canadian Glaucoma Society.

Following my appointment as an Assistant Professor at UBC, I completed a Masters in Education, which helped strengthen my skills in developing educational material to target the needs of the participants. This helped me, working with Dr. Giaschi to revise the format of the UBC Ophthalmology Department's annual Research Day in order to emphasize the clinical relevance of basic science research. I have also used this knowledge to plan the program for a Glaucoma Clinical Day, Canadian Glaucoma Society annual meeting, an Annual Canadian Glaucoma Meeting and others.

In addition, I studied the practice patterns of Canadian glaucoma specialists in order to make recommendations to plan for the next generation of glaucoma patients, which was published in 2007. The manuscript for a second research project in education has also been used to make recommendations for changes in the UBC residency training program in order to meet the needs of the communities in which our graduates will be serving upon completion of their training.

Foremost in my interests, is the care of glaucoma patients. In 2005 in conjunction with Dr. Mackenzie and Dr. Isbister, we published the single largest study of patients receiving Ahmed Glaucoma Valves all from a single surgeon. This study is unique in having a long follow-up period (2 years) and in one surgeon (myself) having performed as many surgeries as it took for multiple surgeons from 6 U.S. academic centres combined in the next largest study. By eliminating inte-surgeon variations in technique, we have helped establish this implant's role earlier in the treatment of glaucoma – it is no longer a treatment of last resort.

I have shown an ongoing interest and ability as a glaucoma clinician-educator and have expanded this to the international level using lectures, podcasts, blog and websites.

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

Granting Agency	Subject	COMP	Amount	Year	Principal Investigator	Co-Investigator(s)
Huetwell Fund	Multimedia Research in Ophthalmology	NC	\$115,000 USD	1996-99	Robert M. Schertzer, MD	David X. Pang, MSE, Luanna R. Bartholomew, PhD
Harmes Fund	Developmental funding clinical ophthalmology	NC		1994-95	David G. Campbell, MD	Robert M. Schertzer, MD David X. Pang, MSE, Luanna R. Bartholomew, PhD

Contracts: n/a

Salary Support Award: n/a

(d) Invited Presentations

1. "Comparison of Silicone and Polypropylene Ahmed Valve Glaucoma Drainage Devices," research paper, American Glaucoma Society 2005 Annual Meeting, Snowbird, UT, March 5, 2005.
2. "Optic nerve head imaging: Clinical & photographic magnification of neuroretinal rim area," invited lecture, symposium on Optic Nerve-head Imaging, 56th Annual Meeting of the Canadian Ophthalmological Society and the Canadian Glaucoma Society, Montreal, QC, June 27, 1993.

(e) Other Presentations

(f) Other

(g) Conference Participation (Organizer, Keynote Speaker, etc.): see below

Invited Clinical Presentations - Prior to UBC appointment in 1999

1. "Rational therapeutics in glaucoma? Glaucoma today and neuroprotection," invited lecture, Dept of Ophthalmology, University of British Columbia, Vancouver, BC, December 4, 1998.
2. "Neuroprotection," 30th Annual Summer Conference Michigan Ophthalmological Society, Makinac Island, Michigan, August 15, 1998.
3. "Glaucoma surgery and pharmacology: how I bake my cake," 6th Annual Northern Michigan Ophthalmology Conference, Boyne Highlands, Michigan, January 31, 1998.
4. "Current concepts of glaucoma treatment," invited lecture, Northwest Ohio Ophthalmology Society, Toledo Club, Toledo, Ohio, November 18, 1997.
5. "Glaucoma in African Americans," invited lecture, National Nutrition Month, Lay Organization, Parks Memorial A.M.E. Church, Romulus, Michigan, March 9, 1997.
6. "Medical therapy of normal tension glaucoma – current controversies," invited lecture, Update on Glaucoma Drug Therapy, Wayne State University and the Kresge Eye Institute, Southfield, Michigan, March 8, 1997.
7. "Perpetuating irrational therapeutics in glaucoma," 5th Annual Northern Michigan Ophthalmology Conference, Traverse City, Michigan, Jan 18, 1997.
8. "Perpetuating irrational therapeutics in glaucoma," outreach lecture, Bronson Methodist Hospital, Kalamazoo, Michigan, Dec 7, 1996.
9. "Computer-based patient record," invited lecture, W.K. Kellogg Eye Center, University of Michigan, Ann Arbor, Michigan, Oct 9, 1995.
10. "Computer-based patient record," invited lecture at Grand Rounds, Massachusetts Eye and Ear Infirmary, Harvard Medical School, Boston, Massachusetts, Sept 7, 1995.
11. "Computer-based patient record," invited lecture, Scheie Eye Institute, University Pennsylvania School of Medicine, Philadelphia, Pennsylvania, Sept 5, 1995.
12. "Antimetabolites in filtration surgery: why surgical techniques need to be modified," invited lecture, Scheie Eye Institute, University Pennsylvania School of Medicine, Philadelphia, Pennsylvania, June 22, 1995.
13. "Rubeotic glaucoma with reperfusion following carotid endarterectomy," invited lecture, Boston Glaucoma Group, Harvard Medical School, Boston, Massachusetts, Dec 5, 1994.
14. "The hypotonous, shallowing anterior chamber, pseudophakic, non-leaking glaucomatous eye," invited lecture, Boston Glaucoma Group, Harvard Medical School, Boston, Massachusetts, Sept 26, 1994.

Invited Clinical Presentations - Since UBC appointment in 1999

*National or International

1. "Overview of Pharmacologic Treatment of Glaucoma," Ocular Health Symposium for Optometrists, Vancouver, Alcon sponsored, April 22, 2013.
2. "Visual Field and Hearing Loss," co-authored with Nanette DeLeon-Tellado, Super Bowl of Grand Rounds, American Glaucoma Society, San Francisco, March 3, 2013.*
3. "MIGS and Tubes," MIGS Labyrinthian Symposium, Vancouver, November 26, 2012.
4. "Glaucoma: not just pressure," International Lions' Eye Summit, UBC Robson Campus, September 9, 2012.*
5. "Surgical therapy in Glaucoma," Optometry Continuing Education conference, UBC Eye Care Centre, September 23, 2012.
6. "POAG OD Eye MD perspective," Optometry Continuing Education conference, UBC Eye Care Centre, September 23, 2012.
7. "Imaging: Standard of Care?, co-authored with Suren Sanmugasunderam and Bryce Ford, INSIGHTS into Glaucoma, Bear Mountain, BC, July 10, 2012.
8. "Trabeculectomy: when things go wrong," Glaucoma Today 2012, Tel Aviv, March 30, 2012.*
9. "Debate topic: why patients should not be offered GDD as primary procedure," Glaucoma Today 2012, Tel Aviv, March 30, 2012.*
10. "Tubes: what might go wrong," Glaucoma Today 2012, Tel Aviv, March 29, 2012.*
11. "Are we reaching our patients?" Glaucoma Today 2012, Tel Aviv, March 29, 2012.*
12. "Glaucoma Top 10," Grand Rounds, Hadassah Medical Center, Ein Kerem, Israel March 28, 2012. *
13. "New devices and techniques for Glaucoma Surgery: iStent, ExPress Shunt, Canaloplasty and Trabectome," Presented iStent portion and moderated session at the Canadian Ophthalmological Society 74th annual meeting, Vancouver, Jun 10, 2011.*
14. "Tube shunt surgical mini-symposium: Critical look at Ahmed & Baerveldt device implantation," moderated and presented at the Canadian Ophthalmological Society 74th annual meeting, Vancouver, June 10, 2011.*
15. "Electronic Medical Records: Preparing for, evaluating, selecting, integrating and maximizing the right system," invited workshop at the Canadian Ophthalmological Society 74th annual meeting in Vancouver, BC, June 9, 2011.*
16. "HRT in daily practice," invited speaker for the annual Glaucoma Clinical Day for the University of Alberta and University of Calgary, April 1, 2011, Edmonton, AB.*
17. "Top 5 benefits of EMR that I didn't know before making the transition," invited speaker University of Alberta Ophthalmology Grand Rounds, April 1, 2011, Edmonton, AB.*
18. "Should I stay or should I go?" invited speaker at Super Bowl of Grand Rounds, American Glaucoma Society, Dana Point, CA, March 6, 2011*

19. "iStent, Glaucoma Progression, Optometry & more," invited speaker North Shore Eye Associates BC, December 1, 2010.
20. "Treatment philosophy open angle glaucoma," invited speaker for BC Optometry Association CE Program, UBC Eye Care Centre, Vancouver, BC, September 19, 2010,
21. "Advances in Surgical Glaucoma," invited speaker for BC Optometry Association CE Program, UBC Eye Care Centre, Vancouver, September 19, 2010.
22. "Electronic Medical Records: Preparing for, evaluating, selecting, integrating and maximizing the right system," invited workshop at the Canadian Ophthalmological Society 73rd annual meeting, Quebec City, June 29, 2010.*
23. "Glaucoma: patient centred care," invited speaker for BC Optometry Association CE Program, UBC Eye Care Centre, Vancouver, April 11, 2010,
24. "The Latest in Social Networking: technological tips for today's ophthalmologists," invited speaker for North Shore Eye Associates of BC, North Vancouver, November 18, 2009.
25. "Glaucoma drainage device workshop," invited workshop director at the Canadian Ophthalmological Society 72nd annual meeting in Toronto, June 21, 2009.*
26. "You never told me I have Glaucoma – breaking bad news to patients," invited speaker at Super Bowl of Grand Rounds, American Glaucoma Society Annual Meeting, Washington, DC March 9, 2008.*
27. "Glaucoma Surgery," invited speaker for British Columbia Association of Optometrists annual Continuing Education Day, Vancouver, February 16, 2008.
28. "Glaucoma Top 10 Misconceptions," invited speaker University of British Columbia Ophthalmology & Visual Sciences Grand Rounds, Vancouver, BC, February 1, 2008.
29. "Glaucoma Top 10 Misconceptions," invited speaker University of Alberta Ophthalmology Grand Rounds, Edmonton, AB, November 16, 2007.*
30. "Glaucoma Top 10 Misconceptions," invited speaker University of Pittsburgh Medical Center Ophthalmology, Pittsburgh, PA, October 27, 2007.*
31. "Glaucoma Top 10 Misconceptions," invited speaker discussing with local ophthalmologists, Langley, BC, October 23, 2007.
32. "Indispensable gadgets in Ophthalmology," panel member of debate at Canadian Ophthalmological Society Annual Meeting, Montreal, QC, June 22, 2007.*
33. "HRT progression," led a seminar at national gathering of ophthalmologists and technicians on use of HRT software, Montreal, QC, June 20, 2007.*
34. "Personal Learning Projects: new therapies and imaging," discussion with local ophthalmologists, Kelowna, BC, May 9, 2007.
35. "Medical Treatment of Glaucoma," Discussion with local ophthalmologists, Vancouver, April 25, 2007.
36. "Post-operative Hypotony," Lecture to Provincial gathering of ophthalmologists, BC Society of Eye Physicians and Surgeons (BCSEPS) Clinical Day, Vancouver, April 20, 2007.

37. "Electronic Medical Records," Large group seminar to national gathering of glaucoma specialists, 5th Annual Glaucoma Meeting, Whistler, BC, March 31, 2007.*
38. "Personal Learning Projects 1 & 2, and case studies," Small group seminar teaching ophthalmologists, Langley, BC, March 14, 2007.
39. "HRT progression," Lectured at UBC Grand Rounds, Vancouver, March 23, 2007.
40. "Relentless pursuit of perfection (bleb complications)," Invited speaker at Super Bowl of Grand Rounds, American Glaucoma Society Annual Meeting, San Francisco, March 2007.*
41. "Voice recognition software, accessing on-line test results for education & patient care, transition to the Electronic Medical Record," EMR in the Glaucoma Practice Workshop, American Glaucoma Society Annual Meeting, San Francisco, March 2007.*
42. "The angle and disc," lecture and workshop with most of the local optometrists, Vancouver, February 26, 2007.
43. "HRT 3 progression analysis," HRT users group workshop, Canadian Ophthalmological Society Annual Meeting, Toronto, June 21, 2006.*
44. "Glaucoma continuum, Vol 4: gaining control of your schedule," Pfizer annual sales meeting, Victoria, BC May 15, 2006*.
45. "Stereo disc photos: still the standard of care? – debate," 4th Annual Glaucoma Meetings, Lake Louise, AB, March 31, 2006.*
46. "Glaucoma Adherence Problem: Bridging the GAP," 4th Annual Glaucoma Meeting, Lake Louise, AB, March 31, 2006.*
47. "Trabeculectomy & follow-up care," UBC Ophthalmology Grand Rounds, UBC Eye Care Centre, Vancouver, BC, March 10, 2006.
48. "Personal Learning Project: Modules 1 & 2," Small group seminar teaching to ophthalmologists, Vancouver, March 4, 2006.
49. "Glaucoma – the Role of the GP," Family Practice grand rounds, Alcon, Mt. St Joseph Hospital, Vancouver, December 6, 2005.
50. "AGS Annual Meeting Highlights," lecture/workshop, Allergan, EyeWest Vision, North Vancouver, March 16, 2005.
51. "Voice recognition software," lectured and co-chaired EMR in the Glaucoma Practice workshop at American Glaucoma Society Annual Meeting, Snowbird, Utah, March 6, 2005.*
52. HRT Detecting progression, lecture/workshop at BC Association of Optometrists Annual Congress, Innova Medical, Vancouver, BC February 19, 2005.
53. "Glaucoma Technology & Dry Eye," lecture/workshop for 60 Optometrists, Alcon, Vancouver, BC, November 30, 2004.
54. Glaucoma case presentations, moderated session, co-organized program, Canadian Glaucoma Society annual meeting, Vancouver, June 17, 2004.*

55. "Are we there yet? Chs. 1 & 2," invited lecture/workshop, Merck-Frosst, Vancouver, June 3, 2004.
56. "HRT & PG Analogs, invited lecture/workshop, Allergan, EyeWest Vision, North Vancouver, May 26, 2004.
57. "Are we there yet? Chs. 1 & 2," invited lecture/workshop, Merck-Frosst, Surrey, BC, May 12, 2004.
58. "Glaucoma Surgical Complications," Invited speaker Hopital Masonneuve-Rosemont, Universite de Montreal, Montreal, QC, April 5, 2004.*
59. "Pharmacology Update 2003," invited lecture/workshop for Vancouver Optometrists, Alcon, Vancouver, May 23, 2003.
60. "You never told me I have glaucoma!" invited lecture/workshop, Allergan, Surrey, BC, March 31, 2003.
61. "Normal Tension Glaucoma," case presentation, First Annual Glaucoma Meeting, Alcon, Halifax, NS, September 28, 2002.*
62. "Target IOP & HRT," invited lecture/workshop, Allergan, EyeWest Vision, North Vancouver, BC, July 16, 2002.
63. "How to teach glaucoma to residents & pharmacology update," Invited speaker McGill University grand rounds, Montreal, QC, March 28, 2002.*
64. Case discussions in glaucoma, Visiting Professor McGill University, Montreal General Hospital, Montreal, QC, March 26, 2002.*
65. "Gonioscopy & Fundus lens exam," invited lecture/workshop, BC Optometry Association Annual Meeting (Optifair 2002), Vancouver, February 17, 2002.
66. "Pharmacology Update," invited lecture, Merck-Frosst, Vancouver, November 22, 2001.
67. "Pharmacology Update," invited speaker to grand rounds, University of Alberta Dept of Ophthalmology, Edmonton, AB September 2001.*
68. "Pharmacology Update and trabeculectomy," invited speaker, Allergan, Manitoba Ophthalmology Society, Winnipeg, MB, September 21, 2001.*
69. "Glaucoma workshop on pharmacology, neuroprotection, trabeculectomy, and wick surgery," invited lecture, Allergan, Vancouver, June 13, 2001.
70. "Repair of the leaking filtering bleb," invited speaker, Alcon Masters Club 2001, Tucson, AZ, March 18-20, 2001.*
71. "Glaucoma Update," invited speaker, National Congress of the Canadian Optometry Association, Vancouver, February 18, 2001.
72. "Glaucoma and Royal College Maintenance of Certification," invited lecture, Allergan, Vancouver, December 5, 2000.
73. "Nerve-head imaging techniques," invited lecture, Merck-Frosst, Langley, BC, October 11, 2000.

74. "Glaucoma Workshop," invited lecture, Allergan, Kelowna, BC, August 16, 2000.
75. "Visual Fields and Glaucoma," invited lecture, Downtown Vancouver Rotary Club, July 5, 2000.
76. "Indications for laser peripheral iridotomy in Pigmentary glaucoma," invited lecture, annual meeting of the Canadian Ophthalmological Society, Whistler, BC, June 2000.*
77. "Glaucoma Workshop." Invited lecture, Allergan, Abbotsford, BC May 15, 2000.
78. "Glaucoma Workshop," invited lecture, Allergan, Victoria, BC May 9, 2000.
79. "Trabeculectomy & Pharmacology Update," invited lecture, Alcon, Marriott Inn, Richmond BC, April 13, 2000.
80. "Computers in Ophthalmology," invited lecture, Alcon Masters Club 2000, San Antonio, TX, March 14, 2000.*
81. "Visual fields for the new millennium," invited lecture, Allergan, Vancouver, January 21, 2000.

*** National or International invited talks**

Scientific/Academic Conference Participation (Organizer, Keynote Speaker, etc.)

	Conference	Role	Date/Location
1.	Glaucoma surgery skills transfer session, Canadian Ophthalmological Society 75 th Annual meeting	Program Director	June 2012 Toronto
2.	EMR Workshop, Canadian Ophthalmological Society 74 th Annual meeting	Program Director	June 9, 2011 Vancouver
3.	Canadian Ophthalmological Society 74 th Annual meeting	Glaucoma Program Co-Director	June 9-12, 2011 Vancouver
4.	INSIGHTS into Glaucoma Program, developed with the assistance of an unrestricted educational grant from Allergan Canada, as a fully accredited educational series to begin in early 2012	Faculty	2011 - 2012
5.	EMR Workshop, Canadian Ophthalmological Society 73 rd annual meeting	Program Director	June 29, 2010 Quebec City
6.	Glaucoma surgery workshop, Canadian Ophthalmological Society 72 nd Annual Meeting	Program Director	June 21, 2009 Toronto
7.	Canadian Perspectives in Glaucoma Management, Risk factors for progression	Team Member	Jan 26-27, 2008 Toronto
8.	Glaucoma Continuum Phase IV, Pfizer in conjunction with the Canadian Ophthalmological Society and Canadian Medical Association	Co-Chair	2007

9.	Workshop on Electronic Medical Records in Glaucoma, American Glaucoma Society Annual Meeting	Co-Chair	March 2007
10.	Workshop on Electronic Medical Records in Glaucoma, American Glaucoma Society Annual Meeting,	Co-Chair	March 2005
11.	Glaucoma teaching modules on DVD, Merck-Frosst Canada	Keynote speaker	Jan/Feb 2005
12.	Canadian Glaucoma Society annual meeting,	Program Co-Chair	June 17, 2004, Vancouver
13.	Canadian Perspectives in Glaucoma Management, Central Corneal Thickness guidelines	Participant	2003 New Orleans
14.	UBC Glaucoma Clinical Day	Program Co-Chair	November 2002
15.	UBC Glaucoma Clinical Day	Program Chair	October 2001
16.	UBC Ophthalmology Research Day	Co-Chair	2001 - 2003

10.1 SERVICE TO THE UNIVERSITY

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

University of British Columbia

	Committee	Role	Dates
1.	Ophthalmology Quality of Care committee	Glaucoma Representative	2002 - 2013
2.	Ophthalmology Visual Field Unit	Medical Director	1999 - 2003
3.	Ophthalmology Optic Nerve Head Imaging Unit	Medical Director	1999 - 2003

(see other sections for academic committees & undergraduate curriculum development)

University of Michigan

	Committee	Role	Dates
1.	Computer Advisory Committee: Kellogg Eye Center	Member	1996 -1999
2.	Web Site Clinical Consultant Kellogg Eye Center	Member	1998 - 1999
3.	Personal Digital Assistant Committee: UM Medical System	Member	1998 - 1999

4.	Faculty Information Technology Committee: UM Medical System	Member	1998
5.	Surgery Tracking & Reporting	Ophthalmology Liaison	1998
6.	Web Site Planning Task Force	Member	1998
7.	Clinic Operations Task Force: Kellogg Eye Center	Member	1996 - 1997
8.	Scientific Advisory Board of Interactive Health Information Network: UM Medical System	Member	1996 - 1999
9.	Glaucoma Unit: Kellogg Eye Center	Clinical Director	1996 - 1999
10.	Patient Care Committee: Kellogg Eye Center	Member	1996 - 1997
11.	Kellogg Eye Center Web Site	Co Webmaster	1996 - 1998
12.	Laser Center Task Force: Kellogg Eye Center	Member	1997
13.	Co-Chair of Clinic Efficiency Committee: Kellogg Eye Center	Member	1996

(b) Other service

	Committee	Role/Office	Dates
1.	Michigan Eye Care Alliance - Network Outcomes Protocols	Member	1996 - 1997

10.2 SERVICE TO THE HOSPITAL

(a) Memberships on committees, including offices held and dates: (see above)

(b) Other service, including dates: (see above)

11. SERVICE TO THE COMMUNITY

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

Ophthalmological

	Society	Role/Office	Dates
1.	American Academy of Ophthalmology	Member Knowledge Base Panel for Glaucoma	2013 - Present
2.	World Glaucoma Congress, Vancouver	Consensus Meeting on Childhood Glaucoma	2013

	Establishing the Diagnosis and Determining Glaucoma Progression Surgical Treatment Forum	
3. Canadian Coalition of Eyecare Professionals	Member Board of Directors	2012 - 2013
4. BC Society of Eye Physicians and Surgeons	Member	1999 – Present
5. American Glaucoma Society (AGS)	Member Practice Management Sub-committee of the Patient Care Committee Website Committee Chair Multimedia Committee	1995 – Present 2013-2017 2013 - 2017 2018 - Present
6. Chandler-Grant Society (Glaucoma)	Member	1995 - Present
7. Royal College of Physicians and Surgeons of Canada	Member Examination Committee	1994 – Present
8. Michigan Ophthalmological Society	Member	1996 - 1999
9. American Board of Ophthalmology – 10-year recertification December 2015-2025	Diplomate	1994 - Present
10. Association for Research in Vision & Ophthalmology	Member	1996 - 2013
11. Boston Glaucoma Group	Member	1994 - 1995
12. Canadian Ophthalmological Society	Member Continuing Medical Education committee Surgical Treatment forum	2005 - Present

Medical-General

Medical Society		Dates
1. Health Data Coalition of BC	Member – Board of Directors	2018 - Present
2. Doctors of BC (Previously BCMA)	Member	1999 - Present
3. Vancouver Medical Association	Member	inactive
4. BC Specialist Surgeons Association	Member	active
5. UBC Clinical Faculty Association	Member	2004 -2013 2018 - Present
6. BC College of Physicians and Surgeons (Full license)	Member	1999 - Present
7. State of Michigan Board of Medicine (Full license)		1996 - Present
8. American Medical Association		1996 - 1999
9. New Hampshire Medical Society (Full license)		1994 - Present
10. College of Physicians and Surgeons of Ontario (Full license)		1989 - 2004

Arts

Organization		Dates
11. New England Writers/Vermont Poets Society		1995 - 1996
12. Society of Composers, Authors & Music Publishers of Canada (SOCAN)		1983 - Present

(b) Memberships on *other societies*, including offices held and dates: n/a

(c) Memberships on *scholarly committees*, including offices held and dates: see above

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

(e) Editorships (list journal and dates)

2011 – present <http://talkingaboutglaucoma.reddit.com>

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

	Journal	Dates
1.	Journal of Glaucoma	2018 - present
2.	Canadian Journal Ophthalmology	2006 - present
3.	Journal of Biomechanics	1998
4.	Ophthalmology	1995 - 2008
5.	Archives of Ophthalmology	1995 - 1996

(g) External examiner (indicate universities and dates): n/a

(h) Consultant (indicate organization and dates)

	Organization	Dates
1.	Development Purkinje Inc. (Montreal, Quebec); Member, English Physician Group & Database Translation Team	1993 - 1995
2.	DOSWA Productions Reg'd (Montreal, Quebec); President	1989 -

(i) Other service to the community

	Organization	Dates
1.	Upper Valley Jewish Community volunteer	2013 - 2018
2.	Upper Valley Rowing Foundation; Hanover High School volunteer	2013 - 2018
3.	Jewish Federation annual campaign canvasser	2013
4.	King David High School member Board of Directors (Head IT Portfolio)	2011 - 2013
5.	King David High School co-chair EdTech Committee,	2009 - 2010
6.	Boy Scouts of Canada: Beaver & Cub Leader (St Helen's 29 th)	2006 - 2008

12. AWARDS AND DISTINCTIONS

(a) Awards for teaching: n/a

(b) Awards for Scholarship: n/a

(c) Awards for Service:

1.	American Academy of Ophthalmology Achievement Award	2017
2.	American Academy of Ophthalmology Achievement Award	2016

(d) Other Awards

1.	Rhino Prods Enr., Five-piece commission for music composition	1983 - 1988
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13. OTHER RELEVANT INFORMATION (Maximum One Page)

UNIVERSITY OF BRITISH COLUMBIA
Publications Record

Date: 25 JUNE 2018

Initial:



SURNAME: Schertzer

FIRST NAME: Robert

MIDDLE NAME (S): Michael

1. REFEREED PUBLICATIONS

(a) Journals (oldest first)

1. LaRoche GR, McIntyre L, **Schertzer RM**: Epidemiology of severe eye injuries in childhood. *Ophthalmology* 95(12):1603-1607, 1988.
2. **Schertzer RM**: Interpreting technology: Medical software and information-technology transfer methods. *Can J Ophthalmol* 31(1): 45-50, 1996.
3. Moroi SE, Gottfredsdottir MS, Schteingart MT, Elner SG, Lee CM, **Schertzer RM**, Abrams GW, Johnson MW: Cystoid Macular Edema Associated with Latanoprost Therapy in a Case Series of Patients with Glaucoma and Ocular Hypertension. *Ophthalmology* 106(5):1024-1029, 1999.
4. Sugar A, **Schertzer RM**: The Clinical Course of Phacoemulsification Wound Burns. *J Cataract Refract Surg* 25(5):688-692, 1999.
5. Shimizu S, Lichter PR, Johnson AT, Zhou Z, Higashi M, Gottfredsdottir M, Othman M, Moroi SE, **Schertzer RM**, Clarke MS, Schwartz AL, Downs CA, Vollrath D, Richards JE: Age-dependent prevalence of mutations at the GLC1A locus in primary open-angle glaucoma. *Am. J. Ophthalmol.* 130:165-177, 2000.
6. Eibschitz-Tsimhoni M, Lichter PR, Del Monte MA, Archer SM, Musch DC, **Schertzer RM**, Moroi SE. Assessing the need for posterior sclerotomy at the time of filtering surgery in patients with Sturge-Weber syndrome. *Ophthalmology.* 2003 Jul;110(7):1361-3.
7. Eibschitz-Tsimhoni M, **Schertzer RM**, Musch DC, Moroi SE. Incidence and management of encapsulated cysts following Ahmed glaucoma valve insertion. *J Glaucoma.* 2005 Aug;14(4):276-9.
8. Woodroffe A, Krafchak C, Fuse N, Lichter PR, Moroi SE, **Schertzer R**, Downs CA, Duren WL, Boehnke M, Richards JE. Ordered Subset Analysis Supports a Glaucoma Locus at GLC1I on chromosome 15 in Families with Earlier Adult Age at Diagnosis. *Experimental Eye Research.* 82 (2006): 1068-1074.

9. Behki R, Damji KF, Crichton A for the CCT workshop participants (includes **Schertzer R**): Canadian Perspectives in glaucoma managements: role of central corneal thickness. *Can J Ophthalmol* 2007;42:66–74
10. Isbister CM, **Schertzer RM**, Mackenzie PJ: Comparison of Silicone and Polypropylene Ahmed Glaucoma Valves –Two year follow-up. *Canadian Journal Ophthalmology* 42: 227-232, April 2007.
11. **Schertzer RM**, Orton T, Pratt D: Practice Patterns of Canadian Glaucoma Specialists: Planning for the next generation, *Canadian Journal of Ophthalmology* 42: 580-584, August 2007.
12. Canadian Glaucoma Society Committee on Interprofessional Collaboration in Glaucoma Care – **Schertzer, RM**: Model of interprofessional collaboration in the care of glaucoma patients and glaucoma suspects. *Can J Ophthalmol*. 2011 Nov-Dec;46(6 Suppl):S1-21.
13. Goldberg I1, Crowston JG, Jasek MC, Stewart JA, Stewart WC; ADAPT Study Investigator Group - **Schertzer, RM**: Intraocular pressure-lowering efficacy of brinzolamide when added to travoprost/timolol fixed combination as adjunctive therapy. *J Glaucoma*. 2012 Jan;21(1):55-9.

(b) Conference Proceedings

(c) Other

2. NON-REFEREED PUBLICATIONS

(a) Journals (oldest first)

1. Campbell DG, **Schertzer RM**: Pathophysiology of pigmentary dispersion syndrome and pigmentary glaucoma. *Current Opin Ophthalmol* 6(2):96-101, 1995.
2. **Schertzer RM**, Campbell DG: Update on pigmentary glaucoma. *Rev Ophthalmol* 2(12):54-56, 1995.
3. **Schertzer RM**, Wang DL, Bartholomew LR: Diabetes mellitus and glaucoma. IN: Sanchez-Thorin JC (ed): *Current concepts in diabetes and ocular disease*. *International Ophthalmology Clinics*. 38(2): 69-87, 1998.
4. Chrichton A, Damji KF, Nicolesco MT, **Schertzer RM**, Teal P: Clinical Consultation – Pigment Dispersion Syndrome. *Ophthalmic Practice* 18(5): 232-236, August 2000.
5. **Schertzer RM**: Overcoming Glaucoma - Laser versus incisional surgical approaches. *Geriatrics & Aging* 3(8): 25&43, October 2000.

Conference Proceedings (oldest first)

1. LaRoche GR, **Schertzer RM**: Tissue glue in strabismus surgery. 5th International Strabismological Association Proceedings 5:513-521, 1986.
2. **Schertzer RM**, Balazsi AG: Relation avec le champ visuel Automatisé et la Superficie du Rebord Neuro-Rétinien. Symposium Sherbrooke, Sherbrooke, Quebec. October 4-5, 1991.
3. Sherman LK, Bernstam EV, **Schertzer RM**: Screening for Glaucoma Risk Factors on the Internet. University of Michigan 69th Annual Ophthalmology Spring Post-graduate Conference. Poster, June 6-7, 1997.
4. **Schertzer RM**, Pang DX, Bartholomew LR: Huetwell Research Laboratory. University of Michigan 69th Annual Ophthalmology Spring Post-graduate Conference. Poster, June 6-7, 1997.
5. Sherman LK, Bernstam EV, **Schertzer RM**: Screening for Glaucoma Risk Factors on the Internet. University of Michigan 13th Annual Ophthalmology Research Day. Poster 12, June 19, 1997.
6. **Schertzer RM**, Pang DX, Bartholomew LR: Huetwell Research Laboratory. University of Michigan 13th Annual Ophthalmology Research Day. Poster, June 19, 1997.
7. **Schertzer RM**, Pang DX, Bartholomew LR: Huetwell Research Laboratory. University of Michigan Dept of Ophthalmology 3rd Annual Fall Alumni Day. Poster, September 17-19, 1997.
8. **Schertzer RM**, Pang DX, Bartholomew LR: Huetwell Research Laboratory. University of Michigan Dept of Ophthalmology 3rd Annual Fall Alumni Day. Educational Technology Exhibit 1, September 19, 1997.
9. Gokhale PA, **Schertzer RM**: The Incidence of Legal Blindness in Primary Open-Angle Glaucoma. University of Michigan 14th Annual Dept of Ophthalmology Research Day, June 26, 1998.
10. **Schertzer RM**, Pang DX, Bartholomew LR: Multimedia Oculosurgical Module #2: Glaucoma Surgery. University of Michigan 14th Annual Dept of Ophthalmology Research Day, June 26, 1998.
11. Ahmad AZ, Frueh BR, **Schertzer RM**: The Prevalence and Implications of Ocular Hypertension and Glaucoma in Thyroid-Associated Orbitopathy. University of Michigan 14th Annual Dept of Ophthalmology Research Day, June 26, 1998.
12. **Schertzer, RM**: Glaucoma 2001 Detroit Area glaucoma specialist panel participant. Crowne Plaza, Romulus, MI, January 16, 1999.
13. Gow JA, **Schertzer RM**: Outcomes of Ahmed Valve Implantation. University of Michigan 15th Annual Dept of Ophthalmology Research Day, March 10, 1999.
14. Farjo QA, **Schertzer RM**: Effect of Cataract Extraction on Visual Fields. University of Michigan 15th Annual Dept of Ophthalmology Research Day, March 10, 1999.

15. Gokhale PA, **Schertzer RM**: Primary Open-Angle Glaucoma and Blindness. University of Michigan 15th Annual Dept of Ophthalmology Research Day, March 10, 1999.
16. Hall BS, **Schertzer RM**, Musch DC: Initial Clinical Results of Diode Laser Contact Transcleral Cyclophotocoagulation. University of Michigan 15th Annual Dept of Ophthalmology Research Day, March 10, 1999.
17. **Schertzer RM**: Indications for laser peripheral iridotomy in Pigmentary glaucoma. Invited lecture, annual meeting of the Canadian Ophthalmological Society, Whistler, BC, June 2000.
18. Seto RJ, **Schertzer RM**: Skills Survey of Ophthalmologists of British Columbia. UBC Ophthalmology Research Day, 2002.
19. **Schertzer RM**, Orton TD: Practice patterns of Canadian Glaucoma Specialists- planning for the next generation, UBC Ophthalmology Research Day 2005.
20. Isbister CM, **Schertzer RM**, MacKenzie PJ: Comparison of Silicone and Polypropylene Ahmed Valve Glaucoma Drainage Devices, UBC Ophthalmology Research Day 2005.
21. Yip L, Brasher P, **Schertzer RM**: A comparison of visual field results in glaucoma patients using the Humphrey Perimeter and the Medmont Perimeter, UBC Ophthalmology Research Day 2006.
22. Stereo disc photos: still the standard of care? debate 4th Annual Glaucoma Meetings, Lake Louise, AB, March 31, 2006.
23. Glaucoma Adherence Problem: Bridging the GAP, 4th Annual Glaucoma Meeting, Lake Louise, AB, March 31, 2006.
24. HRT 3 progression analysis, HRT users group workshop, Canadian Ophthalmological Society Annual Meeting, Toronto, ON, June 21, 2006.
25. Relentless pursuit of perfection (bleb complications), invited speaker at Super Bowl of Grand Rounds, American Glaucoma Society Annual Meeting, San Francisco, March 2007.
26. Voice recognition software, accessing on-line test results for education & patient care, transition to the Electronic Medical Record, EMR in the Glaucoma Practice Workshop, American Glaucoma Society Annual Meeting, San Francisco, March 2007.
27. Electronic Medical Records, Large group seminar to national gathering of glaucoma specialists, 5th Annual Glaucoma Meeting, Whistler, BC, March 31, 2007.
28. Post-operative Hypotony," BC Society of Eye Physicians and Surgeons (BCSEPS) Clinical Day, Vancouver, April 20, 2007.
29. Indispensable gadgets in Ophthalmology, panel member of debate at Canadian Ophthalmological Society Annual Meeting, Montreal, QC, June 22, 2007.

30. You never told me I have Glaucoma – breaking bad news to patients, invited speaker at Super Bowl of Grand Rounds, American Glaucoma Society Annual Meeting, Washington, DC, March 9, 2008.
31. Electronic Medical Records: Preparing for, evaluating, selecting, integrating and maximizing the right system,” invited workshop at the Canadian Ophthalmological Society 73rd annual meeting in Quebec City, June 29, 2010.
32. Advances in Surgical Glaucoma, invited speaker for BC Optometry Association CE Program, UBC Eye Care Centre, Vancouver, September 19, 2010.
33. Should I stay or should I go? invited speaker at Super Bowl of Grand Rounds, American Glaucoma Society, Dana Point, CA, March 6, 2011.
34. Electronic Medical Records: Preparing for, evaluating, selecting, integrating and maximizing the right system, invited workshop at the Canadian Ophthalmological Society 74th annual meeting in Vancouver, June 9, 2011.
35. New devices and techniques for Glaucoma Surgery: iStent, ExPress Shunt, Canaloplasty and Trabectome,” Presented the iStent portion and moderated the session at the Canadian Ophthalmological Society 74th annual meeting in Vancouver, June 10, 2011.
36. Tube shunt surgical mini-symposium: Critical look at Ahmed & Baerveldt device implantation, moderated and presented at the Canadian Ophthalmological Society 74th annual meeting in Vancouver, BC, June 10, 2011
37. Are we reaching our patients? Glaucoma Today 2012, Tel Aviv, March 29, 2012.
38. Tubes: what might go wrong, Glaucoma Today 2012, Tel Aviv, March 29, 2012.
39. Trabeculectomy: when things go wrong, Glaucoma Today 2012, Tel Aviv, March 30, 2012.
40. Why patients should not be offered GDD as primary procedure, Debate, Glaucoma Today 2012, Tel Aviv, March 30, 2012.
41. POAG OD Eye MD perspective, Optometry CE conference, UBC Eye Care Centre, September 23, 2012.
42. Surgical therapy in Glaucoma, Optometry CE conference, UBC Eye Care Centre, September 23, 2012.
43. Visual Field and Hearing Loss, co-authored with Nanette DeLeon-Tellado, Super Bowl of Grand Rounds, American Glaucoma Society, March 3, 2013.
44. Super Bowl of Grand Rounds: Visual Field and Hearing Loss, American Glaucoma Society, San Francisco, CA, March 3, 2013.
45. Glaucoma Surgical Advances, Dartmouth-Hitchcock Medical Center Grand Rounds, Lebanon, NH October 3, 2013.
46. Medical Treatment of Glaucoma, Downeast Ophthalmology Symposium, Bar Harbor, ME, September 19, 2014.

47. OCT Interpretation & Tips, Downeast Ophthalmology Symposium, Bar Harbor, ME, September 21, 2014.
48. What Can My EMR do to Help Me Care for My Glaucoma Patients?, Downeast Ophthalmology Symposium, Bar Harbor, ME, September 21, 2014.
49. Social Media in Glaucoma Care, American Academy of Ophthalmology Annual Meeting, Glaucoma Subspecialty Day, Chicago, IL, October 18, 2014.
50. Late Onset Hypotony & subluxed IOL cases, Dartmouth-Hitchcock Medical Center Grand Rounds, Lebanon, NH, December 3, 2014.
51. OCT Tips, Dartmouth-Hitchcock Medical Center Grand Rounds, Lebanon, NH, February 5, 2015.
52. Super Bowl of Grand Rounds: Dealing with Ophthalmology Repeat Offenders, American Glaucoma Society, Mar 1, 2015 (Coronado, CA)
53. Managing the Post-op Glaucoma Patient and Stump the Chump, Dartmouth-Hitchcock Medical Center Grand Rounds, Lebanon, NH, January 5, 2017.
54. Super Bowl of Grand Rounds: Am I missing something? (Supraclinoid ICA Aneurysm), American Glaucoma Society, Coronado, CA, March 5, 2017.
55. Pot Pourri for \$1000 Alex, Dartmouth-Hitchcock Medical Center Grand Rounds, Lebanon, NH, December 7, 2017.

(b) Abstracts (oldest first)

1. **Schertzer RM**, Chen JC: Is postoperative intravenous antibiotic necessary in the treatment of infectious endophthalmitis? *McGill Ophthalmol* 2(2):8, 1990.
2. **Schertzer RM**, Balazsi AG: Relationship between loss of neuro-retinal rim and the circumlinear vessel gap sign. *McGill Ophthalmol* 3(3):10, 1991.
3. **Schertzer RM**, Lam WC, Yassa M, Chen JC: Treatment of cytomegalovirus retinitis with ganciclovir and radiation. *McGill Ophthalmol* 4(2):10, 1992.
4. **Schertzer RM**, Balazsi AG, Schirmer K: Photographic magnification of the optic nerve head images: A comparative study of three techniques. *McGill Ophthalmol* 5(2):12, 1993.
5. **Schertzer RM**, Bencsath-Makkai Zs, Connolly WES, Boyaner D: Computers in ophthalmic surgical teaching. *McGill Ophthalmol* 6(2):11, 1994.
6. **Schertzer RM**, Bencsath-Makkai Zs, Connolly WES, Boyaner D, Pang DX, Bartholomew LR, Campbell DG: Computers in ophthalmic surgery: A multimedia teaching module for cataract surgery. *Ophthalmology* 101(9A):146, 1994.

7. Roy M, Chen JC, **Schertzer RM**: Endophthalmitis: results of differing management approaches. 27th Annual Meeting of the International Congress of Ophthalmology, Toronto, Ontario. Abstract SP93, June 26-30, 1994.
8. Campbell DG, Pang DX, **Schertzer RM**, Bartholomew LR: Glaucoma clinical-practice tracking: A multimedia modular example of DHMC patient tracking. Invest Ophthalmol Vis Sci 36(4):S81, 1995.
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(c) Other (CD-ROM Publications)

1. **Schertzer RM**, Pang DX, Bartholomew LR: Multimedia Oculosurgical Module #1: Phacoemulsification Cataract Surgery. April, 1998. (Distributed by Mosby, Inc.)
2. **Schertzer RM**, Pang DX, Bartholomew LR: Multimedia Oculosurgical Module #2: Glaucoma Surgery. May, 1998. (Distributed by Mosby, Inc.)
3. **Schertzer RM**, Pang DX, Bartholomew LR: Multimedia Oculosurgical Module #3: Oculoplastics Eyelid Malpositions. November 1998. (Distributed by Mosby, Inc.)

Other (Blogging)

1. <http://wholelottarob.com> Articles on glaucoma clinical and surgical cases, Health Information Technology, and write about glaucoma talks given at conferences (2008 – present).
2. <http://talkingaboutglaucoma.reddit.com> Post links to the latest glaucoma articles found across the internet for others to read, add comments, vote up or down or contribute their own links (2011 – present).

3. BOOKS

Authored: n/a

Edited: n/a

Chapters

1. Campbell DG, **Schertzer RM**: Pigmentary glaucoma. *IN*: Ritch R, Shields MB, Krupin T (eds): The Glaucomas. (St. Louis, MO: CV Mosby, 1996), Chapter 46, p975-991.
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4. **PATENTS**: n/a

5. **SPECIAL COPYRIGHTS**: n/a

6. **ARTISTIC WORKS, PERFORMANCES, DESIGNS**

Multiple public performances of my electro-acoustic music compositions from 1982-1989 at Concordia University and McGill University in Montreal.

7. **OTHER WORKS** (Abstracts, Videos, Presentations, Radio & TV Programs): n/a

8. **WORK SUBMITTED (including publisher and date of submission)**

9. **WORK IN PROGRESS (including degree of completion)**

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