

April 26, 2006

CURRICULUM VITAE

NAME: BROWNSTEIN, Seymour

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DATE OF BIRTH: October 8, 1940

STATUS: Married, 3 children

CITIZENSHIP: Canadian

DEGREES, DIPLOMAS, LICENSES, AND OTHER QUALIFICATIONS:

- 1961 - B.Sc., McGill University - Physiology (honours)
- 1965 - MD., CM, McGill University
- 1966 - L.M.C.C., Canadian medical licence, No. 25034
- 1966 - Medical licence, Quebec No. 66-181
- 1966 - National Board of Medical Examiners, No. 84125
- 1970 - Quebec College of Physicians and Surgeons (Ophthalmology), No. 5556
- 1970 - Certification of the Royal College of Surgeons of Canada (Ophthalmology), No. 852
- 1972 - Canadian Medical Protective Association No. 35297
- 1972 - American Board of Ophthalmology
- 1972 - Fellow of the Royal College of Surgeons of Canada (Ophthalmology)
- 1973 - Fellow of the American Academy of Ophthalmology and Otolaryngology
- 1992 - Medical license, Ontario No. 64855

TRAINING:

1. Rotating internship, Jewish General Hospital, Montreal, 1965-1966.
2. Resident in medicine, Jewish General Hospital, Montreal, 1966-1967.
3. Resident in ophthalmology (including a six month basic science course in ophthalmology at New York University Post-Graduate Medical School in 1967), New York Eye and Ear Infirmary, New York City, 1967-1970.
4. Fellow in ophthalmic pathology, Armed Forces Institute of Pathology, Washington, DC, 1971-1972.

ACADEMIC APPOINTMENTS:

- I. McGill University, Departments of Ophthalmology and Pathology:
 1. Lecturer, July 1972
 2. Assistant professor, September 1973.
 3. Associate professor, June 1977
 4. Tenured associate professor, June 1982.
 5. Tenured Full Professor, September 1986 - August 1992.
- II. University of Ottawa, Departments of Ophthalmology and Pathology, Full Professor, Les Amis Chair in Vision Science, July 1992 - present.

HOSPITAL APPOINTMENTS:

1. Senior (1988) Ophthalmologist and Assistant Pathologist, Royal Victoria Hospital and McGill University Institute of Pathology, 1972-1992.
2. Consultant, Surgery/Ophthalmology, Montreal Children's Hospital (MUHC), 1975-present.
3. University of Ottawa Eye Institute/The Ottawa Hospital, Associate Ophthalmologist with a cross appointment in Laboratory Medicine (Pathology), July 1992 - present.
4. Associate Clinician Scientist, Research Institute of the Ottawa Hospital, April 1998 - present.

HOSPITAL AND ACADEMIC ADMINISTRATIVE POSITIONS:

I. MCGILL UNIVERSITY (1972-1992):

1. Director, McGill University Registry of Ophthalmic Pathology including a fellowship program and consultations from across Canada, 1972-1992.
2. Chairman, elective students in ophthalmology, Royal Victoria Hospital (RVH), 1972-1979.
3. Member, Visual Aids Committee, RVH, 1972-1982.
4. Supporting Member of the McGill Test Committee for the Royal College of Physicians and Surgeons' Examinations in Ophthalmology, 1975-1992.
5. Chairman, McGill Department of Ophthalmology Annual Clinical and Scientific Day, 1978-1987.
6. Member, Research Committee of RVH Research Institute, 1980-1981.
7. Board of Management, RVH Research Institute, 1985-1989.
8. McGill Department of Ophthalmology Ethics Committee, Supporting Member, 1985-1992.
9. Secretary, McGill Department of Ophthalmology Alumni Association, 1986-1987.
10. Library Committee, Department of Ophthalmology, RVH, 1986-1992. Chairman, 1989-1992.
11. Search Committee for Chief, Department of Ophthalmology RVH, 1986.
12. Selection Committee for Chairman, Department of Ophthalmology, McGill University, 1986-1987.
13. Editorial Board, Ophthalmology McGill, 1988-1992.
14. Promotions Committee, Department of Pathology, McGill University, 1990.

II. UNIVERSITY OF OTTAWA (1992 - PRESENT)

1. Executive Committee, Department of Ophthalmology, University of Ottawa, 1992-present.
2. Chairman, University of Ottawa Department of Ophthalmology Research Day and UMRF Committee, 1992-present
3. Chairman, Research Committee, Department of Ophthalmology, University of Ottawa, 1992-2000.
4. Postgraduate Medical Education Research Directors Committee, University of Ottawa, 2005-present.
5. Director, University of Ottawa Registry and Laboratory of Ophthalmic Pathology including a fellowship program and consultations from across Canada, 1992-present.
6. Promotion Committee, Department of Ophthalmology, University of Ottawa, 1992-present.
7. Postgraduate Medical Education Research Directors Committee, University of Ottawa, 2005-present.
8. Advisory Board Executive Committee, University of Ottawa Eye Institute, 1994-2000.
9. Finance Committee, University of Ottawa Eye Institute, 1996-2000.
10. GFT Partnership Subcommittee, University of Ottawa Eye Institute, 1997-2000.
11. Resident Impact, Education and Research Facilitation Committee, The Ottawa Hospital, Department of Ophthalmology, 1998-2000.
12. Eye Institute subcommittee for clinic changes. 2001-2003.
13. Eye Institute subcommittee of Finance Committee for GFT support, 2002.
14. Resident Selection Committee, Department of Ophthalmology, University of Ottawa, 1992-1994.

OTHER ACADEMIC POSITIONS:

1. Member of the faculty of the New York Eye and Ear Infirmary School of Orthoptics, 1969-1970.
2. International Eye Foundation Teaching Fellowship at the University of Indonesia, Jakarta, Indonesia, in ophthalmology and ophthalmic pathology, 1972.
3. Contributing Editor, Electronic Eye Journal, Philadelphia, 1986-1988.
4. Canadian Reference Centre for Cancer Pathology, Ottawa. Consultant for ophthalmic and orbital section. 1989-1995.
5. Contributing Editor, Ophthalmic Practice Journal/Clinical and Surgical Ophthalmology, Montreal, 1987-1989. Associate Editor, 1989-2002. Editor of Ophthalmic Pathology Case Report Section (including for the American Association of Ophthalmic Pathologists), 1996-present.
6. Review of manuscripts and textbooks related to ophthalmic pathology, ophthalmology and/or pathology for several peer review journals e.g. Arch Ophthalmol, Ophthalmology, Can J Ophthalmol, Surv Ophthalmol.

7. Review of grant applications in ophthalmology and/or pathology for a number of agencies including the MRC, PSIF and BCHCRF.
8. Canadian Committee on Cancer Staging (CCCS), Toronto, Member for ophthalmic tumours, 1993-present.
9. Member of Program Committee of the American Academy of Ophthalmology/American Association of Ophthalmic Pathologists, 1995-1997.
10. Program Committee and Moderator, International Conference on Ocular Infections, Jerusalem, Israel, June 1995.
11. Program Chairman, Association of Ophthalmic Alumni of the Armed Forces Institute of Pathology and of the 1st Combined Meeting of the North American Ophthalmic Pathology Societies, 2000-2001.
12. Corresponding Member of the Ophthalmology Examination Board of the RCPSC, renewal 2005-present.

AWARDS, HONORS:

1. Keith Hutchison Memorial Scholarship, McGill University, Faculty of Medicine, 1962-1963.
2. Brittain S. Payne, MD. Prize for proficiency in pathology, New York Eye and Ear Infirmary, New York City, 1970.
3. Guest of Honor of the Verhoeff (American Ophthalmic Pathology) Society, Washington, DC, March 1984.
4. Program Chairman of a 2-hour Symposium on Ocular Neoplasia for the 100th Anniversary Annual Meeting of the American Academy of Ophthalmology, Chicago, October 1996.
5. President of the Association of Ophthalmic Alumni of the Armed Forces Institute of Pathology and of the 2nd Combined Meeting of the North American Ophthalmic Pathology Societies, 2001-2003.
6. American Association of Ophthalmic Pathologists (AAOP) award of gratitude for being Senior Editor of the AAOP Case Report Section in the Journal Ophthalmic Practice, Orlando, October 2002.
7. Delivered the Lorand V. Johnson Named Lecture to the Combined Meeting of the Departments of Ophthalmology of Case Western Reserve University and the Cleveland Clinics and the Cleveland Ophthalmological Society, Cleveland, Ohio, April 2003.

PHARMACEUTICAL RESEARCH STUDIES (At the University of Ottawa)
(EVALUATIONS OF MEDICATIONS FOR POTENTIAL OCULAR TOXICITY):

- *1. Olanzapine vs. haloperidol. Lilly, 1993-1996.
- *2. Seroquel vs. haloperidol. Zeneca, 1993-1999.
- *3. Ocular effects of BMS-181101. Bristol-Myers Squibb, 1994-1995.
- *4. SDZ MAR 327 vs. haloperidol. Sandoz, 1995-1997.
- *5. Open label Seroquel (PRIZE). Zeneca, 1996-1999.
- *6. BIMT 17 BS vs. placebo. Boehringer Ingelheim, 1997.
- *7. Iloperidone vs. placebo. Novartis, 1999-2000.
- #8. Farnesyl transferase inhibitor. Janssen, 2001-2002.
- !9. Agent 4. Berlex, 2003-2004.

- +10. SB-497115-GR. GlaxoSmithKline, 2005-present.
- v11. MDX-010.Medarex. 2005-present (Awaiting REB).
- x12. Onlay lens, epithelial pocket Delaminator, CooperVision, 2006-present. .

Note: * Studies 1-7 were performed with the Department of Psychiatry, University of Ottawa, The Royal Ottawa Hospital.

Study 8 was performed with the Department of Medicine/Hematology, The Ottawa Hospital, University of Ottawa.

! Study 9 was being performed with the University of Ottawa Heart Institute

+Study 10 is in conjunction with the Thrombosis Program, Ottawa Health Research Inst.

v Study 11 is In conjunction with the Ottawa Hospital Regional Cancer Centre.

x Study 12 is in conjunction with the University of Ottawa Eye Institute.

GRANTS FOR RESEARCH STUDIES:

1. Medical Research Council of Canada, Operating Grant for research in ocular immunopathology, \$21,325, 1974-1976.
2. E.A. Baker Foundation for the Prevention of Blindness of the Canadian National Institute for the Blind. Grants for research in ophthalmic pathology, \$66,000, 1983-1986.
3. Oculus Foundation Grant for studies on taurine localization in the retina (with Norma Lake, PhD), \$6,000, 1988-1989.
4. CIBA Vision Grant for research in ophthalmic pathology, \$16,000, 1988-1996 (After 1996, via the Eye Institute).
5. University of Ottawa Medical Research Fund grants for research in ophthalmic pathology, annually, 1993-present.*
6. Killam Scholarship of Canada (Supervisor, with MW Dorey, MD, former fellow and currently in residency program at Dalhousie University), for research on opacification of intraocular lenses, \$10,000, 2003-2004.

***UNIVERSITY OF OTTAWA MEDICAL RESEARCH FUND GRANTS RECEIVED:**

1. 1992 - Vicryl-mesh for hydroxyapatite orbital implants, with DR Jordan, \$3,500.
2. 1993 - New hydroxyapatite orbital implant, with Dr. Jordan, \$2,900.
3. 1994 - "Counterfeit" hydroxyapatite orbital implant, with DR Jordan, \$3,000.
4. 1995 - Chinese orbital implant, with DR Jordan, \$1,000.
5. 1996 - i. Excimer laser therapy in postmortem eyes, PI, \$3,060.
ii. Alumina orbital implant and the PTFE (polytetrafluorethylene) wrap, with DR Jordan, \$3,523.
6. 1997 - i. Excimer laser therapy in postmortem eyes harvested in tissue culture medium, PI, \$5,950.
7. ii. Analysis of 6 different orbital implant wraps, with DR Jordan, \$4,418.
8. 1998 - i. Wound healing following excimer laser therapy in postmortem eyes, PI, \$6,000.
9. - ii. Brazilian hydroxyapatite implant, with DR Jordan, \$2,030.
10. 1999 - i. Wound healing following LASIK in postmortem eyes, PI, \$6,000.

11. - ii. The molteno M-sphere implant, with DR Jordan, \$2,500.
12. 2000 - i. Immunohistochemical analysis of mucoepidermoid carcinoma of the conjunctiva, PI, \$4,810.
13. - ii. Hydroxyapatite coated alumina implant, with DR Jordan, \$2,256.
14. 2001 - i. Immunohistochemical analysis of primary acquired melanosis of the conjunctiva, PI, \$5,975.
15. - ii. The Opla orbital implant, with DR Jordan, \$4,800.
16. 2002 - i. Immunohistochemical analysis of uveal melanoma, PI, \$6,000.
17. - ii. The Medpore orbital implant, with DR Jordan, \$4,300.
18. 2003 - Newer bleaching techniques in the immunohistochemical analysis of ocular melanocytic lesions, PI, \$5,000.
19. 2004 - Immunohistochemical and histochemical analysis of angiogenesis in uveal melanomas as compared to subretinal membranes, PI, \$6,000.
20. 2005 - Immunohistochemical and histochemical analysis of angiogenesis in uveal melanomas, PI, \$6,000.

RESEARCH PROJECTS IN PROGRESS

1. Immunohistochemical studies on melanocytic lesions of the conjunctiva and uvea including newer substrates and bleaching techniques.
2. Immunohistochemical studies on the vascularization of melanocytic neoplasms and of subretinal membranes.
3. Ocular pathologic studies in diabetic transgenic mice.
4. Posterior keratoconus.
5. Dermatofibroma/fibrous histiocytoma of the inner canthus.
6. Wegener's granulomatosis of the eyelids.
7. Idiopathic corneal epithelial lines.
8. Post photorefractive therapeutic keratectomy corneal abscess.
9. Unsuspected adenocarcinoma of the ciliary epithelium.
10. Posterior lamellar keratoplasty.
11. Bilateral postmortem intraocular melanocytic neoplasms,
12. Persistent Acanthamoeba keratitis after prolonged antiparasitic therapy.
13. Basal cell nevus syndrome of the eyelids.
14. Siliconoma of the eyelids.
15. Lupus miliaris facialis disseminatus of the eyelids.
16. Posterior corneal shagreen degeneration.
17. Lipoid proteinosis of the eyelids.
18. Posterior polymorphous amyloid degeneration of the cornea.
19. Pseudo corneal perforation in Stevens-Johnson syndrome.
20. Unsuspected ring melanoma presenting as chronic glaucoma.
21. Wegener's granulomatosis of the eyelid.
22. Corneal myxoma.
23. Mucoepidermoid carcinoma of the conjunctiva in OCP.
24. Orbital schwannoma.
25. Orbital plasmacytoma.
26. Metastatic neoplasms to the orbit.

27. Large B-cell lymphoma of the retina
28. 2 different corneal dystrophies in consecutive grafts of the same eye.
29. Osseous hemangioma of the orbit.
30. Angiocentric T-cell lymphoma of the eyelid
31. Eyelid swelling with Glevac
32. Pseudo-chalazion (Merkel's cell)
- 33.

MEMBERSHIP IN SCIENTIFIC ASSOCIATIONS:

1. Canadian Medical Association.
2. College of Physicians and Surgeons of the Province of Quebec.
3. Canadian Ophthalmological Society.
4. Quebec Ophthalmological Society (until 1992).
5. Montreal Ophthalmological Society (until 1992).
6. Canadian Ophthalmic Pathology Society.
7. Association of Ophthalmic Alumni of the Armed Forces Institute of Pathology.
 - a. Program Chairman (2000 - 2001).
 - b. President (2001 - 2003).
8. Royal College of Physicians and Surgeons of Canada.
9. American Academy of Ophthalmology.
 - a. Program Chairman of Symposium on Ocular Neoplasia (1996).
 - b. Program Committee Member (1995-1997).
10. Eastern Ophthalmic Pathology Society.
11. Georgiana Dvorak Theobald Society.
12. Association for Research in Vision and Ophthalmology.
13. American Association of Ophthalmic Pathologists.
 - a. Member of Program Committee (1995 - 1997).
 - b. Editor of AAOP Journal (1997-2002).
 - c. Award for contributions to AAOP including Editor of AAOP Journal (2002).
14. International Society of Ophthalmic Pathologists.
15. College of Physicians and Surgeons of Ontario.
16. Ontario Medical Association.
17. Ottawa Academy of Medicine, Section of Ophthalmology.
18. Scientific Advisory Board of the Vision Health Research Council of Canada.

TEACHING ACTIVITIES AT THE UNIVERSITY OF OTTAWA (1992 - present):

I. UNDERGRADUATE TEACHING:

A. Medical Students.

1. Supervision of Medical School Elective Students each Monday Morning in my Laboratory (3 hours weekly throughout most of the year). Occasionally, full time elective supervised for 2-4 weeks exclusively in my laboratory (about 80 hours annually).
2. Didactic Lectures: In conjunction with the postgraduate resident lectures (See II. A. below).

B. Eye Institute School of Ophthalmic Medical Technology (for B.Sc. Degree at the University of Ottawa).

1. Didactic Lectures:
 - i. Exclusively for their course: Anatomy and Introduction to Ocular Pathology (4 hours annually).
 - ii. In conjunction with the postgraduate resident lectures (See II. A. below).
2. Laboratory Review of Ophthalmic Pathology (3 hours annually).

II. POSTGRADUATE DEPARTMENT OF OPHTHALMOLOGY (University of Ottawa):

A. Didactic Lectures:

1. Friday morning Lecture Series. Since ophthalmic pathology transcends most of the clinical disciplines in the teaching blocks, my lectures form the lion's share of these teaching sessions including 4-hours each on the cornea, the conjunctiva, the optic nerve, and ocular inflammation and uveitis, and 2-hours each on the macula, uveal malignant melanoma, retinoblastoma, and glaucoma, (24 hours over the 2 year cycle/12 hours annually).
2. Thursday afternoon (5:00-7:00 PM) Professor Rounds in Ophthalmic Pathology: These sessions are used either to review the American Academy of Ophthalmology Basic Science Course or in the format of show and tell quizzes to augment and reinforce the other lectures and teaching the residents receive (10 hours annually).

B. Other resident and departmental ophthalmologic teaching includes the mock oral examinations (7 hours annually), supervising the Journal Club (1 hour annually) and ophthalmic pathology Grand Rounds (2 hours annually including invitations to participate during the Grand Rounds of other staff members (e.g. during 2004-2005 in Dr. Jackson, Dr. Mintsoulis, and Dr. Jordan's Grand Rounds) (10 hours annually).

C. Annual Department of Ophthalmology Research Day: Chairman of this event since 1992 and of the planning committee including for the annual distribution of approximately \$25,000 in UOMRF funds for staff sponsored resident and fellow projects (about 35 hours annually).

III. **POSTGRADUATE DEPARTMENT OF PATHOLOGY** (Cross Appointment as Full Professor):

- A. Grand Rounds demonstrating cases as unknown diagnostic problems for review and discussion (one hour annually).
- B. Department Research Day: Participation with fellow annually (about 2 hours annually).
- C. Friday morning lecture series (with II. A. 1. above).

IV. **Supervision of Pre- and Post-Residency Fellows** in 1- or 2-Year Fellowships in Ophthalmic Pathology: (6 hours weekly/over 200 hours annually).

McGill University:

1974	Andrew K. Vine, MD
1974	Rod McCarthy, MD
1975	Michael Bright, MD
1977	Robert Orton, MD
1978	Ross Harris, MD
1979	Francois Codere, MD
1980	Lawrence Aedy, MD
1981	Val Conway, MD
1982	Garry Condon, MD
1982	Andrew Kearns, MD
1983	Larry Garward, MD
1984	Steven Poleski, MD
1985	Salim Lahoud, MD
1986	Allan Liszauer, MD
1987	Kaushik Hazariwala, MD
1988	Leonard Kirsch, MD* (initiation of prizes)
1989	Michael Myles, MD*
1990	Darren Albert, MD*
1991	David Chow, MD*

University of Ottawa:

1992	Shane Munro, MD*
1993	David Marshall, MD*
1994	Shivinder Jolly, MD*
1995	Suhui Li, MD
1996	Vivian Hill, MD*
1997	Karim Punja, MD*
1998	Tod McEachron, MD
1999	Dustin Coupal, MD*
2000	Benjamin Mathew, MD*
2001	Suleiman Sefau, MD
2001	Michael Dorey, MD*
2002-03	Hamidreza Faraji, MD*
2004	Jennifer W. Robinson, MD

2005 Nigel Rawlings, MD (began July 1st, 2005)

2006 Patrick Gooi (begins July 1st, 2006)

* = Department prize for best paper/poster by resident or fellow.

Activities with the Fellows:

A. **Laboratory** - Gross and microscopic pathologic case sign outs including review of teaching and research specimens and external referrals.

B. **Teaching** - Preparation of PowerPoint teaching and research presentations including posters.

C. **Research supervision** - Presentations at academic meetings including a large number of prize winners and peer reviewed publications (See Sections on Publications and Presentations).

INTERNATIONAL AND NATIONAL INVITED GUEST PROFESSORSHIPS (See Presentations Section in CV for more details chronologically):**I. INTERNATIONAL:**

1. Greater New York Postgraduate Ophthalmology Lecture Series (includes all the academic programs in the greater New York area e.g. Columbia Presbyterian, Cornell, NYU, Mount Sinai, Albert Einstein, SUNY with over 100 residents, fellows and staff attending). This is the largest such lecture program in my field with only 4 individuals being invited annually from across North America with 1 or 2 of these 4 lectureships (3 hours of presentations each) being presented annually by me by invitation, 1986-2004.
2. Harvard/New England Postgraduate Ophthalmic Pathology Series (includes all the academic programs in the Boston/Greater New England area). I was invited each year for this 3-hour lectureship since its inception in 1990 until its termination 1994.
3. Jefferson University/Wills Eye Hospital, Philadelphia: 4 hours of presentations, 1977.
4. University of Iowa: Only one ophthalmic pathologist is invited to deliver this 2-hour lectureship every 2 years, 1992.
5. New York Eye and Ear Infirmary, New York City, 2.5-hour lectureship, 1989.
6. Mount Sinai University, New York City, 7-hour lectureship, 1995.
7. University of Florida, Gainesville 5-hour lectureship, 1998
8. Hadassah University, Jerusalem: 5-hour lectureships, 1999, 2003, invited 2006).
9. Cleveland Ophthalmologic Society (Cleveland Clinics and Case Western Reserve University): 4 hours of presentations including the Lorand V. Johnson Named Lectureship, 2003.

II. NATIONAL:

1. Queen's University, Kingston, ON - 1982.
2. University of Sherbrooke, QC - 1983.
3. Dalhousie University, Halifax, NS - 1986
4. St. Justine Hospital, Montreal - 1981, 1985, 1988.
5. University of Alberta - 1987, 1996.
6. Laval University, Quebec City - 1987, 1996.
7. University of British Columbia, Vancouver, BC - 1980, 1997.
8. University of Toronto - 1993, 1996, 1999.
9. McGill University - 2000.
10. Sally Letson Symposium, University of Ottawa - 1997, 1998, 2002, 2005.
11. University of Montreal - 1983, 1990 2003.

PARTICIPATION IN INTERNATIONAL AND NATIONAL SOCIETY MEETINGS (Other than those listed with Guest Professorships with chronologic additional details under Presentations in CV):

I. INTERNATIONAL:

1. Association for Research in Vision and Ophthalmology - 1972, 1973, 1980, 1984, 1986, 1991, and annually, 1993-present.
2. Association of Ophthalmic Alumni of the Armed Forces Institute of Pathology/Combined Ophthalmic Pathology Society Meeting (since 2001) - biennially, 1973-present.
3. Theobald (Midwest) Ophthalmic Pathology Society - 1974, 1977, 1978, 1979, 1984, 1986, 1990, 1994.
4. American Association of Cancer Research - 1975
5. Eastern Ophthalmic Pathology Society - 1975-present.
6. Verhoeff Ophthalmic Pathology Society - 1977, 1984.
7. Columbia Presbyterian Medical School Symposium on Ocular Neoplasia - 1977.
8. American Academy of Ophthalmology - 1981, 1987, 1996,
9. American Society of Ophthalmic Plastic and Reconstructive Surgery - 1983, 1993, 1994, 1995, 1996, 2001, 2002, 2004.
10. American Association of Ophthalmic Pathologists - 1984, 1985, 1995, 1998, 1999, 2000, 2001, 2002.
11. Third Annual Meeting on Oncogenes - 1987.
12. International Society of Ophthalmic Pathologists - 1987, 1993.
13. American Association for Pediatric Ophthalmology and Strabismus - 1991.
14. International Conference on Cornea and External Eye Disease - 1993.
15. European Society of Oculoplastic and Reconstructive Surgeons - 1993, 1997, 1998, 1999, 2004
16. International Ocular Oncology Society - 1994.
17. International Cornea Meeting - 1994.
18. International Congress of Ophthalmology - 1994.
19. International Congress of Orbital Diseases - 1994.
20. Aspen Corneal Society - 1995.
21. International Conference on Ocular Infections - 1995.
22. International Symposium on Ophthalmic Plastic Surgery - 1996
23. American Ocular Microbiology and Immunology Group - 1996.
24. 8th Annual Master Club Meeting - 1998.
25. 5th International Symposium on Ocular Trauma - 2000.
26. Orbital Society - 2000, 2002, 2003.
27. Vitreous Society - 2001.
28. American Society of Cataract and Refractive Surgery - 2001.
29. Israel Cornea Society - 2003.

II. **NATIONAL:**

1. Canadian Ophthalmologic Society - 1973, 1974, 1977, 1979, 1980, 1981, 1984, 1987, 1991, 1992, 1995, 1997, 1998, 2000, 2002, 2003, 2005.
2. Canadian Ophthalmic Pathology Society - annually, 1973-present.
3. Canadian Association of Pathology - 1975, 1976, 1977, 2001, 2002.
4. Entretiens Ophtalmologiques (University of Montreal) - 1985, 1990.
5. Canadian Corneal and External Disease Society - 1992, 1993, 1997, 1998, 2000, 2004.
6. Canadian Society of Oculoplastic Surgeons - 1993, 1994, 1995, 1997, 1998, 1999, 2001, 2005.

PUBLICATIONS IN PEER REVIEW JOURNALS

1. Buxton JN, Brownstein S: Bacterial cultures from donor eyes. *Arch Ophthalmol* 84: 148-150, 1970.
2. Buxton, JN, Smith DE, Brownstein S: Cataract extraction and subconjunctival repository steroids. *Annals Ophthalmol* 3: 1376-1379, 1971.
3. Brownstein S, Font RL, and Alper MG: Atheromatous plaques of the retinal blood vessels. *Arch Ophthalmol* 90: 49-52, 1973.
4. Brownstein S, Rodrigues MM, Fine BS, and Albert EN: The elastotic nature of hyaline corneal deposits. A histochemical, fluorescent, and electron microscopic examination. *Am J Ophthalmol* 75: 799-809, 1973.
5. Brownstein S, Fine BS, Sherman ME, and Zimmerman LE: Granular dystrophy of the cornea. Light and electron microscopic confirmation of recurrence in a graft. *Am J Ophthalmol* 77: 701-710, 1974.
6. Brownstein S, Suprpto and Salim I: Tumors of the orbit and eye in Indonesia. *Can J Ophthalmol* 9: 249-257, 1974.
7. Brownstein S, Jannotta FS: Sarcoid granulomas of the retina and optic nerve. *Can J Ophthalmol* 9: 372-378, 1974.
8. Font RL, Brownstein S: Anterior subcapsular cataracts. A light and electron microscopic study. *Am J Ophthalmol* 78: 927, 1974.
9. Brownstein S, Thelmo W, Olivier A: Granulocytic sarcoma of the orbit. *Can J Ophthalmol* 10: 174, 1975.
10. Brownstein S, Vine AK: Complications of corticosteroids in presumptive temporal arteritis. *Can J Ophthalmol* 11: 115, 1976.
11. Brownstein S, Sheikh KM, and Lewis MG: Tumor-associated antibodies in the serum of patients with uveal melanoma. *Can J Ophthalmol* 11: 147, 1976.
12. Brownstein S, Bernardo AI, Suprpto, and Salim I: Neurofibromatosis with the eye fly *Siphunculina funicola* in an eyelid tumor. *Can J Ophthalmol* 11: 261, 1976.
13. Brownstein, S, Kirkham, TH, Kalousek, DK: Bilateral renal agenesis with multiple congenital ocular anomalies. *Am J Ophthalmol* 82: 770, 1976.
14. Brownstein S, Sheikh KM and Lewis MG: Immunological studies in patients with malignant melanoma of the uvea. *Can J Ophthalmol* 12: 16, 1977.

15. Brownstein S, Bright M, Kirkham TH, Carpenter S: Anophthalmos. *Can J Ophthal* 12: 143, 1977.
16. Kline LB, Bright M, Brownstein S: Uveal melanoma presenting as post-traumatic hemorrhage and panophthalmitis. *Can J Ophthalmol* 12: 226, 1977.
17. Brownstein S, Meagher-Villemure K, Polomeno RC, Little JM: The ultrastructural changes in the optic nerve in globoid leukodystrophy. *Arch Ophthalmol* 96: 864, 1978.
18. Brownstein S, Phillips, TM, and Lewis MG: Specificity of tumor-associated antibodies in sera of patients with uveal melanoma. *Can J Ophthal* 13: 190, 1978.
19. Brownstein S, Orton R, and Jackson WB: Cystoid macular edema with equatorial choroidal melanoma. *Arch Ophthal* 96: 2105, 1978.
20. Berkowitz P, Orton RB, Boyaner D, Brownstein S: Pseudophakic bullous keratopathy. A clinical-pathologic analysis. *Can J Ophthalmol* 14: 3, 1979.
21. Brownstein S, Henry M, Bernardo AI: Malignant melanoma of the conjunctiva after 11 years. *Can J Ophthalmol* 14: 142, 1979.
22. Streeten BW, Carillo R, Jamison R, Brownstein S, Font RL, and Zimmerman LE: Inverted papilloma of the conjunctiva. *Am J Ophthalmol* 88: 1062, 1979.
23. Vine AK, Harris R, Brownstein S: Ultrasonography and computerized tomography in the diagnosis of unsuspected uveal melanoma with proptosis. *Can J Ophthalmol* 14: 294, 1979.
24. Brownstein S, Font RL, Zimmerman LE, Murphy SB: Nonglaucomatous cavernous degeneration of the optic nerve. *Arch Ophthalmol* 98: 354, 1980.
25. Brownstein S, Codere, F., Jackson BW: Masquerade syndrome. *Ophthalmology* 87: 259, 1980.
26. Fiander D, Brownstein S, Nicolle D, Jackson WB: Mucosal cyst of lacrimal gland fossa simulating lacrimal gland neoplasm. *Can J Ophthalmol* 15: 87, 1980.
27. Harris R, Brownstein S, Little JM: Peter's anomaly with congenital aphakia. *Can J Ophthalmol* 15: 91, 1980.
28. Brownstein S, Carpenter S, Polomeno RC, Little JM: Sandhoff's disease (GM₂ gangliosidosis type 2). *Arch Ophthalmol* 98: 1089, 1980.

29. Jakobiec FA, Brownstein S., Wilkinson RD, Khalil M, Cooper WC, Shibata HR: Combined surgery and cryotherapy for diffuse malignant melanoma of the conjunctiva. Arch Ophthalmol 98: 1390, 1980.
30. Khalil M, Brownstein S, Codere F, Nicolle D: Eccrine sweat gland carcinoma of the eyelid with orbital involvement. Arch Ophthalmol 98: 2210, 1980.
31. Brownstein S, Jakobiec FA, Wilkinson RD, Lombardo J, Jackson WB: Cryotherapy for precancerous melanosis (atypical melanocytic hyperplasia) of the conjunctiva. Arch Ophthalmol 99: 1224, 1981.
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33. Codere F, Brownstein S, Jackson WB: Pseudomonas aeruginosa scleritis. Am J Ophthalmol 91: 706, 1981.
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13. Chow DR, Brownstein S, Garwood L: Primary localized conjunctival amyloidosis. Invest Ophthalmol Vis Sc 1995; 36 S1027.
14. Marshall DH, Brownstein S, Addison DJ: The spectrum of postmortem findings in the victims of suspected child abuse. Invest Ophthalmol Vis Sc 1996; 37: S91.
15. Munro S, Jordan DR, Brownstein S, Grahovac S, Gilberg SM: The counterfeit hydroxyapatite implant. Invest Ophthalmol Vis Sc 1996; 37: S616.
16. Johnson TM, Hill V, Li S, Brownstein S, Sahai J, Hodge W: Rifabutin induced uveitis in a rabbit model. Invest Ophthalmol Vis Sc 1997; 38: S1103.
17. Mawn LA, Jordan DR, Gilberg S, Brownstein S: Analysis of a new orbital implant made of alumina. Invest Ophthalmol 1997; 38: S121.
18. Daneshvar H, Damji KF, Narang M, Hill V, Waring J, Brownstein S, Korneluk R: Demonstration of a retinitis pigmentosa (RP) phenotype in adult transgenic mice over-expressing the human myotonic dystrophy protein kinase (DMK). Invest Ophthalmol Vis Sc 1997; 38: S312.
19. Hill VE, Brownstein S, Lafontaine MD, Punja KG, Jackson WB, Mintsioulis G, Griffith M: Acute ultrastructural correlates in human postmortem eyes treated with the excimer laser. Invest Ophthalmol Vis Sci 1998; 39: S83.
20. Klapper SL, Jordan DR, Gilberg S, Punja K, Brownstein S: Analysis of seven different anophthalmic orbital implant wraps. Invest Ophthalmol Vis Sci 1998; 39: S503.
21. Dawson E, Bardenstein D, Elnor V, Archer S, Little J, Clarke W, Brownstein S: Retinoblastoma with orbital cellulitis: Clinical presentation predicts histopathology. Invest Ophthalmol Vis Sci 1998; 39: S814.
22. Punja KG, Brownstein S, Lafontaine MD, Jackson WB, Mintsioulis G, Griffith M: Corneal wound healing in human postmortem eyes treated with the excimer laser. Invest Ophthalmol Vis Sci 1999; 40: S110.
23. Brownstein S, Punja KG, Hill VE, Lafontaine MD, Jackson WB, Mintsioulis G, Griffith M: Acute ultrastructural correlates and corneal wound healing in human postmortem eyes treated with the excimer laser. Ophthalmic Practice 1999; 17: 33.

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25. Coupal D, Brownstein S, Jordan DR, Prokopetz R: Characteristic histopathologic findings in nevoid basal cell carcinoma syndrome lesions. Invest Ophthalmol Vis Sc 2001; 42: S336.
26. Brownstein S, Mathew B, Robertson S, Coupal D, Prokopetz R, Jordan DR: Immunohistochemical profile and histochemical analysis of mucoepidermoid carcinoma of the conjunctiva. Invest Ophthalmol Vis Sci 2002; 43: ARVO E-Abstract 1008.
27. Dorey MW, Brownstein S, Faraji H, Robertson S, Prokopetz R, Jordan DR: Immunohistochemical analysis of primary acquired melanosis of the conjunctiva. Invest Ophthalmol Vis Sci 2003; 44: ARVO E-Abstract 2427.
28. Faraji H, Brownstein S, Dorey MW, Robertson S, Prokopetz R, Jordan DR: Immunohistochemical analyses on uveal melanoma and comparison to other melanocytic and nonmelanocytic ocular tissues. 2004; ARVO E-Abstract 1210.
29. Robinson JW, Faraji H, Brownstein S, Prokopetz R, Buhrmann R, Robertson S, Jordan DR: Alternative bleaching techniques in the immunohistochemical evaluation of melanocytic lesions of the conjunctiva and uvea. 2005; ARVO E-Abstract.

PRESENTATIONS AT SCIENTIFIC MEETINGS AND INVITED LECTURESHIPS:

1972-1973

1. Association for Research in Vision and Ophthalmology, Sarasota, April 1972 (1 paper).
2. Montreal Ophthalmological Society, Montreal, October 1972 (1 paper).
3. Association for Research in Vision and Ophthalmology, Sarasota, April 1973 (1 paper).
4. Canadian Ophthalmic Pathology Study Group, Halifax, May 1973 (1 paper).

1973-1974

1. Association of Ophthalmic Alumni of the Armed Forces Institute of Pathology, Washington, DC June 1973 (1 paper).
2. Canadian Ophthalmological Society, Toronto, June 1973 (2 papers).
3. Second World Congress of the Society of Eye Surgeons, Athens, September 1973 (1 paper).
4. Canadian Ophthalmic Pathology Study Group, Montreal, April 1974 (1 paper).

5. Georgiana Dvorak Theobald Society, New York, April 1974 (1 paper).

1974-1975

1. Canadian Ophthalmological Society, Edmonton, June 1974 (2 papers).
2. Montreal Ophthalmological Society, Montreal, January 1975 (1 paper).
3. Canadian Ophthalmic Pathology Study Group, Toronto, April 1975 (1 paper).
4. American Association of Cancer Research, San Diego, May 1975 (1 paper).

1975-1976

1. Association of Ophthalmic Alumni of the Armed Forces Institute of Pathology, Washington, DC, June 1975 (1 paper).
2. Canadian Ophthalmological Society, Ottawa, June 1975 (2 papers).
3. Canadian Association of Pathologists, Calgary, June 1975 (1 paper).
4. Eastern Ophthalmic Pathology Society, Birmingham, Alabama, October 1975 (1 paper).
5. Montreal Ophthalmological Society, Montreal, February 1976 (1 paper).

1976-1977

1. Canadian Ophthalmic Pathology Study Group, Kingston, June 1976 (1 paper).
2. Canadian Association of Pathologists, Halifax, June 1976 (1 paper and 3 papers in workshop on ophthalmic pathology).
3. Eastern Ophthalmic Pathology Society, Montreal, September 1976 (1 paper).
4. Montreal Ophthalmological Society, Montreal, December 1976 (1 paper).
5. Theobald Society, Iowa City, April 1977 (1 paper).
6. Verhoeff Society, Washington, DC, April 1977 (1 paper).

1977-1978

1. Association of Ophthalmic Alumni of the Armed Forces Institute of Pathology, Washington, DC, June 1977 (2 papers).
2. Canadian Ophthalmological Society, Calgary, June 1977 (1 paper).
3. Canadian Congress of Laboratory Medicine, Hamilton, June 1977 (3 papers in workshop on ophthalmic pathology).
4. Eastern Ophthalmic Pathology Society, Toronto, September 1977 (1 paper).
5. Symposium in Honour of Robert H. More, St. Adele, October 1977 (1 paper).
6. Symposium on Ocular and Adnexal Tumors, New York, November 1977 (1 paper).
7. McGill University Diseases of the Macula Workshop, Montreal, November 1977 (1 paper).
8. Wills Eye Hospital (4 one-hour papers), Philadelphia, December 1977.
9. Theobald Society, Chicago, May 1978 (1 paper).
10. McGill University 1st Annual Clinical and Scientific Day, Montreal, May 1978 (1 paper).

1978-1979

1. Canadian Ophthalmic Pathology Study Group, Saskatoon, September 1978 (1 paper).
2. Eastern Ophthalmic Pathology Society, Baltimore, October 1978 (1 paper).
3. Canadian Ophthalmic Pathology Study Group, London, Ontario, May 1979 (2 papers).
4. Theobald Society, Rochester, Minnesota, May 1979 (1 paper).
5. McGill University 2nd Annual Clinical and Scientific Day, Montreal, May 1979 (1 paper).

1979-1980

1. Association of Ophthalmic Alumni of the Armed Forces Institute of Pathology, Washington, DC, June 1979 (2 papers).
2. Canadian Ophthalmological Society meeting, Toronto, June 1979 (1 paper).
3. Eastern Ophthalmic Pathology Society meeting, New York City, October 1979 (1 paper).
4. Association for Research in Vision and Ophthalmology, Orlando, May 1980 (1 paper).
5. McGill University 3rd Annual Clinical and Scientific Day, Montreal, May 1980 (1 paper).

1980-1981

1. Canadian Ophthalmological Society meeting, Vancouver, June 1980 (1 paper).
2. Eastern Ophthalmic Pathology Society meeting, Philadelphia, October 1980 (1 paper).
3. Guest Lecturer of the British Columbia Ophthalmological Society, Vancouver, October 1980 (3 papers).
4. Canadian Ophthalmic Pathology Study Group, Quebec City, January 1981 (1 paper).

1981-1982

1. McGill University 4th Annual Clinical and Scientific Day, Montreal, June 1981 (1 paper).
2. Association of Ophthalmic Alumni of the Armed Forces Institute of Pathology, Washington, DC, June 1981 (1 paper).
3. Canadian Ophthalmological Society, Montreal, June 1981 (1 paper).
4. Montreal Ophthalmological Society, Montreal, October 1981 (1 paper).
5. Ste. Justine Sixth Annual Day on Pediatric Ophthalmology, Montreal, October 1981 (1 paper and moderator).
6. Eastern Ophthalmic Pathology Society, Bermuda, October 1981 (1 paper).
7. American Academy of Ophthalmology, Atlanta, November 1981 (1 paper).
8. Canadian Ophthalmic Pathology Study Group, Vancouver, March 1982 (1 paper).
9. McGill University 5th Annual Clinical and Scientific Day, Montreal, May 1982 (1 paper).

1982-1983

1. Symposium on Tumors of the Eye and Orbit, Queen's University, Kingston, May 1982 (2 papers).
2. Eastern Ophthalmic Pathology Society, Key Biscayne, October 1982 (1 paper).
3. Guest lecturer of the University of Sherbrooke, Sherbrooke, March 1983 (2 papers).
4. McGill University 6th Annual Clinical and Scientific Day, Montreal, May 1983 (1 paper).

1983-1984

1. Association of Ophthalmic Alumni of the Armed Forces Institute of Pathology, Washington, DC, June 1983 (1 paper).
2. Canadian Ophthalmic Pathology Study Group, Ottawa, October 1983 (1 paper).
3. Eastern Ophthalmic Pathology Society, Boston, October 1983 (1 paper).
4. American Society of Ophthalmic Plastic and Reconstructive Surgery, Chicago, November 1983 (1 paper).
5. Notre-Dame Hospital, Intraocular Tumor meeting, Montreal, November 1983 (1 paper).
6. Theobald-Hogan Societies, Park City, February 1984 (1 paper).
7. Verhoeff Society, Washington, DC, March 1984 (Guest of honour) (1 paper).
8. McGill University 7th Annual Clinical and Scientific Day, Montreal, May 1984 (1 paper).

1984-1985

1. Association for Research in Vision and Ophthalmology, Sarasota, May 1984 (1 paper).
2. Canadian Ophthalmological Society, Quebec City, June 1984 (1 paper).
3. Eastern Ophthalmic Pathology Society, Williamsburg, October 1984 (1 paper).
4. Canadian Ophthalmic Pathology Study Group, Halifax, October 1984 (2 papers).
5. American Association of Ophthalmic Pathologists, Atlanta, November 1984 (1 paper).
6. Entretiens Ophtalmologiques, Montreal, April 1985 (1 paper). 7. McGill University 8th Annual Clinical and Scientific Day, Montreal, May 1985 (1 paper).

1985-1986

1. Association of Ophthalmic Alumni of the Armed Forces Institute of Pathology, Washington, DC, June 1985 1 paper.
2. Canadian Ophthalmic Pathology Study Group. Toronto, June 1985 (1 paper).
3. American Association of Ophthalmic Pathologists, San Francisco, October 1985 (1 paper).
4. Ste. Justine Tenth Annual Day on Pediatric Ophthalmology, Montreal, October 1985 (2 papers).

5. Eastern Ophthalmic Pathology Society, St. Thomas, November 1985 (1 paper).
6. Manhattan Eye, Ear and Throat Hospital, Guest Professor (3 one-hour presentations), New York City Area ophthalmology programs, New York City, February 1986.
7. Association for Research in Vision and Ophthalmology, Sarasota, April 1986 (1 paper).
8. McGill University 9th Annual Clinical and Scientific Day, Montreal, May 1986 (1 paper).

1986-1987

1. Dalhousie University, Guest Professor (9 one-hour presentations), Halifax, May 1986.
2. Combined meetings of Canadian Ophthalmic Pathology Study Group and Hogan Society, Vancouver, June 1986 (2 papers).
3. Eastern Ophthalmic Pathology Society, Lake Placid, September 1986 (1 paper).
4. New York City Area Combined Residency Ophthalmic Pathology course, Guest Professor (3 one-hour presentations), New York City, January 1987.
5. Journées Ophtalmiques de l'Université Laval, Quebec City, January 1987 (2 papers).
6. Ophthalmological Society of Alberta, Royal College Speaker, Banff, February 1987 (3 papers).
7. McGill University, Department of Pathology Seminars, Montreal, April 1987 (1 hour of presentations).

1987-1988

1. Association of Ophthalmic Alumni of the Armed Forces Institute of Pathology, Washington, DC, June 1987 (moderator and presented 1 paper).
2. McGill University 10th Annual Clinical and Scientific Day, Montreal, June 1987 (1 paper).
3. Canadian Ophthalmological Society, Montreal, June 1987 (chairman/moderator of 90-minute symposium including 2 papers presented).
4. Canadian Ophthalmic Pathology Study Group, Montreal, June 1987 (chairman, moderator, 6 papers).
5. Third Annual Meeting on Oncogenes, Frederick, Maryland, July 1987 (1 paper).
6. Eastern Ophthalmic Pathology Society, Hilton Head, September 1987 (1 paper).
7. First International Society Meeting of Ophthalmic Pathologists, Dallas, November 1987 (1 paper).
8. American Academy of Ophthalmology, Dallas, November 1987 (1 paper).
9. New York City Area Combined Residency Ophthalmic Pathology course, Guest Professor (3 one-hour presentations), New York City, January 1988.

1988-1989

1. McGill University 11th Annual Clinical and Scientific Day, Montreal, June 1988 (2 papers).

2. Canadian Ophthalmic Pathology Society, St. John, New Brunswick, June 1988 (1 paper).
3. Eastern Ophthalmic Pathology Society, Hershey, Pennsylvania, September 1988 (moderator and presented 1 paper).
4. Ste. Justine 13th Annual Day on Pediatric Ophthalmology, Montreal, October 1988 (1 paper).
5. New York City Area Combined Residency Ophthalmic Pathology course, Guest Professor (3 one-hour presentations), New York City, January 1989.

1989-1990

1. New York Eye and Ear Infirmary, Guest Professor, New York City (3 45-min. presentations), April 1989.
2. McGill University 12th Annual Clinical and Scientific Day, Montreal, June 1989 (3 papers including **prize winning paper**).
3. Association of Ophthalmic Alumni of the Armed Forces Institute of Pathology, Washington, DC, June 1989 (1 paper).
4. Canadian Ophthalmic Pathology Society, Calgary, June 1989 (1 paper).
5. Eastern Ophthalmic Pathology Society, Hilton Head, September 1989 (1 paper).
6. University of Sherbrooke Symposium on Postgraduate Research in Vision and Ophthalmology, Magog-Orford, September 1989 (3 papers).
7. International Optifair, Montreal, September 1989 (1 paper).
8. Boston (Harvard) Course on Ophthalmic Pathology, Guest Professor (3 1-hour presentations), Boston, January 1990.
9. New York City Course on Ophthalmic Pathology, Guest Professor (3 1-hour presentations), New York City, March 1990.

1990-1991

1. Entretiens Ophtalmologiques de l'Universite de Montreal, Montreal, April 1990 (poster).
2. Theobald Ophthalmic Pathology Society, Philadelphia, May 1990 (moderator and 1 paper).
3. McGill University 13th Annual Clinical and Scientific Day, Montreal, June 1990 (moderator and 3 papers including **prize winning paper**).
4. Finlayson Memorial Day, McGill Department of Pathology, Montreal, June 1990 (1 paper).
5. Annual meeting of the Canadian Ocular Implant Association, Montreal, June 1990 (1 paper).
6. Canadian Ophthalmic Pathology Society, Quebec City, June 1990 (5 papers).
7. University of Montreal Ophthalmology Department, Guest Professor (1 hour of presentations), Montreal, September 1990.
8. McGill University Faculty of Medicine Alumni Medical Seminar, Montreal, September 1990 (1 paper).
9. University of Sherbrooke Symposium on Postgraduate Research in Vision and Ophthalmology, Magog-Orford, September 1990 (1 paper).
10. Symposium in Honour of Lorenz E. Zimmerman, MD, Atlanta, October 1990 (moderator and 1 paper).

11. American Association of Ophthalmic Pathologists, Atlanta, October 1990 (moderator and 1 paper).
12. Eastern Ophthalmic Pathology Society, New Providence, The Bahamas, November 1990 (1 paper).
13. McGill University Department of Pathology Research Seminars, Montreal, January 1991 (1 paper).
14. Greater New York City Ophthalmic Pathology Course, Guest Professor (3 1- hour presentations), New York, February 1991.
15. Boston (Harvard) Ophthalmic Pathology Course, Guest Professor (3 1-hour presentations), Boston, March 1991.

1991 (continued)

1. Association for Research in Vision and Ophthalmology, Sarasota, May 1991 (1 paper).
2. American Association for Pediatric Ophthalmology and Strabismus, Montreal, May 1991 (1 poster).
3. McGill University 14th Annual Clinical and Scientific Day, Montreal, June 1991 (2 papers including **prize winning paper**).
4. Finlayson Memorial Day, McGill University Department of Pathology, Montreal, June 1991 (**prize winning paper**).
5. Annual meeting of the Canadian Implant Society, Montreal, June 1991 (1 paper).
6. Canadian Ophthalmic Pathology Society, Ottawa, June 1991 (2 papers).
7. Canadian Ophthalmologic Society, Ottawa, June 1991 (2 posters).
8. Association of Ophthalmic Alumni of the Armed Forces Institute of Pathology, Washington, DC, June 1991 (moderator and one paper).
9. Eastern Ophthalmic Pathology Society, Manchester, Vermont, September 1991 (moderator and 1 paper).
10. University of Sherbrooke Symposium on Postgraduate Research in Vision and Ophthalmology, Orford-Magog, October 1991 (2 papers).

1992

1. McGill University Department of Ophthalmology Grand Rounds, Montreal, January 1992 (1 hour of presentations).
2. Boston (Harvard) Ophthalmic Pathology Course, Guest Professor (3 1-hour presentations), Boston, February 1992.
3. McGill University Department of Ophthalmology 15th Annual Clinical and Scientific Day, Montreal, May 1992 (4 papers including prize winner).
4. Finlayson Memorial Day, McGill University Department of Pathology, Montreal, June 1992 (**prize winning paper**).
5. Canadian Ophthalmic Pathology Society, Vancouver, June 1992 (3 papers).
6. Canadian External Disease Society, Vancouver, June 1992 (1 paper).
7. Canadian Ophthalmologic Society, Vancouver, June 1992 (1 paper).
8. Eastern Ophthalmic Pathology Society, Jekyll Island, GA, October 1992 (moderator and 1 paper).
9. University of Sherbrooke Symposium on Postgraduate Research in Vision and Ophthalmology, Orford-Magog, October 1992 (3 papers).

10. University of Iowa Guest Professor (2 1-hour presentations), Iowa, December 1992.

1993

1. Greater New York City Ophthalmic Pathology Course, Guest Professor (3 1-hour presentations), New York, February 1993.
2. University of Ottawa Department of Pathology and Laboratory Medicine 9th Annual Residents' Research Day, Ottawa, April 1993 (1 paper).
3. Association for Research in Vision and Ophthalmology, Sarasota, May 1993 (2 posters).
4. University of Ottawa Department of Ophthalmology 7th Annual Resident Research Day, Ottawa, May 1993 (2 papers).
5. Boston (Harvard) Ophthalmic Pathology Course, Guest Professor (3 1-hour presentations), Boston, June 1993.
6. Association of Ophthalmic Alumni of the Armed Forces Institute of Pathology, Washington, DC, June 1993 (1 paper).
7. Canadian Ophthalmic Pathology Society, Montreal, June 1993 (1 paper).
8. Canadian External Disease Society, Montreal, June 1993 (1 paper).
9. Canadian Pediatric Ophthalmology Society, Montreal, June 1993 (1 paper).
10. Canadian Society of Oculoplastic Surgeons, Montreal, June 1993 (1 paper).
11. International Conference on Cornea, Eye Banking and External Diseases, Jerusalem, Israel, June 1993 (1 paper).
12. European Society of Ophthalmic Plastic and Reconstructive Surgeons, Antibes, France, September 1993 (1 paper).
13. Eastern Ophthalmic Pathology Society, Bermuda, September 1993 (1 paper).
14. American Society of Ophthalmic Plastic and Reconstructive Surgeons, Chicago, November 1993 (1 paper).
15. University of Toronto Guest Professor (4 1-hour presentations), Toronto, December 1993.

1994

1. Greater New York City Ophthalmic Pathology Course, Guest Professor (3 1-hour presentations), New York, February 1994.
2. Theobald Ophthalmic Pathology Society, Aspen, March 1994 (moderator and 1 paper).
3. Boston (Harvard) Ophthalmic Pathology Course, Guest Professor (3 1-hour presentations), Boston, April 1994.
4. University of Ottawa Department of Pathology and Laboratory Medicine 10th Annual Residents' Research Day, Ottawa, April 1994 (**prize winning paper**).
5. Association for Research in Vision and Ophthalmology, Sarasota, May 1994 (poster).
6. University of Ottawa Department of Ophthalmology 8th Annual Resident Research Day, Ottawa, May 1994 (3 papers including **prize winning paper**).
7. Children's Hospital of Eastern Ontario 18th Annual Clinical Review Day, Ottawa, May 1994 (**prize winning paper**).
8. Canadian Ophthalmic Pathology Society, Toronto, June 1994 (2 papers).

9. International Oncology Society, Toronto, June 1994 (1 paper).
10. Cornea Federated Society Meeting, Toronto, June 1994 (1 paper).
11. International Congress of Ophthalmology, Toronto, June 1994 (one paper and moderator).
12. International Symposium of Orbital Disorders, Toronto, June 1994 (1 paper).
13. Canadian Society of Oculoplastic Surgeons, Toronto, June 1994 (1 paper).
14. Eastern Ophthalmic Pathology Society, Boston, October 1994 (1 paper).
15. American Society of Ophthalmic Plastic and Reconstructive Surgery, San Francisco, October 1994 (1 paper).

1995

1. Aspen Corneal Society meeting, invited guest lecturer, Aspen, February 1995 (1 paper).
2. Mount Sinai Medical School Department of Ophthalmology, Guest Professor (7 1-hour presentations), New York, March 1995.
3. Greater New York City Ophthalmic Pathology Course, Guest Professor (3 1-hour presentations), New York, March 1995.
4. University of Ottawa Department of Pathology and Laboratory Medicine 11th Annual Residents' Research Day, Ottawa, April 1995 (**prize winning paper**).
5. Association for Research in Vision and Ophthalmology, Fort Lauderdale, April 1995 (2 posters).
6. University of Ottawa Department of Ophthalmology 9th Annual Resident Research Day, Ottawa, May 1995 (3 papers including **first and second prize winning papers**).
7. Children's Hospital of Eastern Ontario 19th Annual Resident Research Day, May 1994 (**prize winning paper**).
8. International Conference on Ocular Infections, Jerusalem, Israel, June 1995 (1 paper, moderator and program committee).
9. Canadian Ophthalmic Pathology Society, Victoria, BC, June 1995 (1 paper).
10. Canadian Society of Oculoplastic Surgeons, Victoria, BC, June 1995 (1 paper).
11. Canadian Ophthalmologic Society, Victoria, BC, June 1995 (1 paper and 3 posters including Coherent-AMT award).
12. Eastern Ophthalmic Pathology Society, Montreal, October 1995 (1 paper).
13. American Association of Ophthalmic Pathologists, Atlanta, October 1995 (1 paper).
14. American Society of Ophthalmic Plastic and Reconstructive Surgery, Atlanta, October 1995 (1 paper).
15. Greater New York City Ophthalmic Pathology Course, Guest Professor (3 1-hour presentations), New York, November 1995.

1996

1. Laval University, Guest Professor (5 1-hour presentations), Quebec City, March 1996.
2. University of Ottawa Department of Pathology and Laboratory Medicine 12th Annual Residents' Research Day, Ottawa, April 1996 (1 paper).

3. Association for Research in Vision and Ophthalmology, Fort Lauderdale, May 1996 (2 posters).
4. University of Ottawa Department of Ophthalmology 10th Annual Resident Research Day, Ottawa, May 1996 (5 papers and 2 posters including first **prize winning paper**).
5. Children's Hospital of Eastern Ontario 20th Annual Resident Research Day, May 1996 (**honorable mention for the best paper by a second year resident**).
6. International Symposium on The Changing Face of Ophthalmic Plastic Surgery, Kansas City, June 1996 (3 papers).
7. Canadian Ophthalmic Pathology Society, Ottawa, June 1996 (chairperson, moderator and 3 papers).
8. Canadian External Disease and Cornea Society, Ottawa, June 1996 (1 paper).
9. Canadian Society of Oculoplastic and Reconstructive Surgery, Ottawa, June 1996 (2 papers).
10. Canadian Ophthalmologic Society, Ottawa, June 1996 (poster).
11. Combined Meeting of the American Association of Ophthalmic Pathologists and the International Society of Ophthalmic Pathologists, Chicago, October 1996 (1 paper).
12. Ocular Microbiology and Immunology Group, Chicago, October 1996 (1 paper).
13. American Society of Ophthalmic Plastic and Reconstructive Surgery, Chicago, October 1996 (1 poster).
14. American Academy of Ophthalmology, Chicago, October 1996 (2-hour symposium chairperson and moderator).
15. Merck Visiting Professor for Alberta Ophthalmology, November 1996 (3 1-hour presentations).
16. Toronto Ophthalmological Association, November 1996 (one hour of presentations).

1997

1. British Columbia Society of Eye Physicians and Surgeons, Guest speaker, Vancouver, March 1997 (1 hour of presentations).
2. Greater New York Ophthalmology Clinical Lecture Series, New York City, Guest Professor, March 1997 (3 1-hour presentations).
3. University of Ottawa Department of Pathology and Laboratory Medicine 13th Annual Resident Research Day, Ottawa, May 1997 (1 paper).
4. Association for Research in Vision and Ophthalmology, Fort Lauderdale, May 1997 (3 posters).
5. University of Ottawa Department of Ophthalmology 11th Annual Resident Research Day, Ottawa, May 1997 (4 papers and 2 posters including the **first prize winning paper**).
6. The 20th Annual McGill Ophthalmology Clinical and Scientific Day, Montreal, May 1997 (1 paper).
7. Canadian Ophthalmic Pathology Society, Quebec City, June 1997 (2 papers and moderator).
8. Canadian Ophthalmologic Society, Quebec City, June 1997 (2 papers).
9. Canadian External Disease and Cornea Society, Quebec City, June 1997 (1 paper).
10. Canadian Society of Oculoplastic and Reconstructive Surgery, Quebec City, June 1997 (2 papers).

11. Association of Ophthalmic Alumni of the Armed Forces Institute of Pathology, Washington DC, June 1997 (2 papers and moderator).
12. Sally Letson Symposium, Ottawa, September 1997 (1 paper).
13. Eastern Ophthalmic Pathology Society, New York City, September 1997 (1 paper).
14. Sherbrooke Symposium on Ophthalmic Research, Sherbrooke, October 1997 (1 paper).
15. European Society of Ophthalmic Plastic and Reconstructive Surgery, Rome, Italy, October 1997 (1 paper and 1 poster).
16. Ocular Microbiology and Immunology 31st Annual Meeting, San Francisco, October 1997 (1 paper).
17. American Society of Ophthalmic Plastic and Reconstructive Surgery, San Francisco, October 1997 (1 paper).

1998

1. **University of Florida, Gainesville, Florida, Visiting Professor, January 1998 (5 hours of presentations).**
 1. Brownstein S: Role of the ocular pathologist in the diagnosis of corneal disorders.
 2. Brownstein S: Does the pathologist have the final word in the diagnosis of external ocular disease?
 3. Brownstein S: Pathology of the conjunctiva.
 4. Brownstein S: Grand rounds case presentations.
2. **8th Annual National Alcon Master Club Meeting, Tucson, AR, March 1998.**
 1. Brownstein S: Does the Pathologist have the final word in the diagnosis of external ocular disease?
 2. Brownstein S: The role of the pathologist in the diagnosis of corneal pathological disorders.
 3. Jordan DR, Munro S, Brownstein S, Grahovac SZ, Gilberg S: The synthetic hydroxyapatite implant.
3. **Greater New York Ophthalmology Clinical Lecture Series, New York City, March 1998.**
 1. Brownstein S: Anatomy and histology of the conjunctiva.
 2. Brownstein S: Conjunctival inflammations and degenerations.
 3. Brownstein S: Conjunctival neoplasms.
4. **University of Ottawa Department of Pathology and Laboratory Medicine 14th Annual Resident Research Day, Ottawa, May 1998.**
Punja KG, Brownstein S, Lafontaine MD, Jackson WB, Mintsioulis G, Griffith M: Corneal wound healing in human postmortem eyes treated with the excimer laser.
5. **Association for Research in Vision and Ophthalmology, Fort Lauderdale, May 1998.**
 1. Hill VE, Brownstein S, Lafontaine MD, Punja KG, Jackson WB, Mintsioulis G, Griffith M: Acute ultrastructural correlates in human postmortem eyes treated with the excimer laser (poster).
 2. Jordan DR, Klapper S, Gilberg S, Punja KG, Brownstein S: Analysis of seven different anophthalmic orbital implant wraps (poster).
 3. Bardenstein D, Dawson E, Elner V, Archer S, Little J, Clarke W, Brownstein S:

4. Retinoblastoma with orbital cellulitis: Clinical presentation predicts histopathology (poster).
6. **University of Ottawa Department of Ophthalmology 12th Annual Research Day**, Ottawa, May 1998.
1. Klapper S, Jordan DR, Gilberg S, Punja KG, Brownstein S, Mawn L, Grahovac
 2. SZ: Analysis of seven different anophthalmic orbital implant wraps.
 2. Punja KG, Brownstein S, Lafontaine MD, Jackson WB, Mintsioulis G, Griffith M: Corneal wound healing in human postmortem eyes treated with the excimer laser (**Prize for the second best paper presented by a resident or fellow**).
 3. Hill RC, Brownstein S, Lafontaine MD, Punja KG, Jackson WB: Acute ultrastructural correlates in human postmortem eyes treated with the excimer laser. (Poster)
 4. Klapper SR, Jordan DR, Gilberg S, Punja KG, Brownstein S, Mawn L, Grahovac SZ: Analysis of seven different anophthalmic orbital implant wraps. (Poster)
 5. Jordan DR, Munro S, Gilbert S, Brownstein S, Hill VE, Grahovac SZ: Evolution of the synthetic hydroxyapatite implant. (Poster)
 6. Jordan DR, Chan S, Mawn L, Gilberg S, Dean T, Brownstein S, Hill VE: Complications associated with pegging hydroxyapatite implants. (Poster)
7. **Canadian Ophthalmic Pathology Society**, Calgary, June 1998.
Brownstein S, Punja KG, Damji K, Jordan DR: Unsuspected ring malignant melanoma of the ciliary body presenting as neovascular glaucoma.
8. **Canadian External Disease and Cornea Society**, Calgary, June 1998.
Jackson WB, Punja KG, Brownstein S: Hyperopic retreatment: an unexpected result.
9. **Canadian Society of Oculoplastic and Reconstructive Surgery**, Calgary, June 1998.
Klapper S, Jordan DR, Brownstein S, Punja KG, Gilberg S, Grahovac SZ: A histopathological comparison of various wraps used for implantation of porous orbital implants.
10. **Canadian Ophthalmologic Society**, Calgary, June 1998.
Gilberg S, Pelletier C, Brownstein S, Li S, Eidus L: Silicone oil infiltration of the eyelid. (Poster)
11. **Sally Letson Symposium**, Ottawa, September 1998.
Brownstein S: Pathology of glaucoma.
12. **Eastern Ophthalmic Pathology Society**, Captiva Island, October 1998
Brownstein S, McEachren T, Jordan DR: Epithelioid hemangioma.
13. **Sixteenth Annual Meeting of the European Society of Ophthalmic Plastic and Reconstructive Surgery**, Budapest, October 1998.
Jordan DR, Klapper S, Gilberg S, Punja KG, Brownstein S: Analysis of different anophthalmic implant wraps.
14. **Combined meeting of the American Association of Ophthalmic Pathologists and the International Society of Ophthalmic Pathologists**, New Orleans, November 1998.
Brownstein S, Punja KG, Hill VE, Lafontaine MD, Jackson WB, Mintsioulis G, Griffith M: Acute ultrastructural correlates and corneal wound healing in human postmortem eyes treated with the excimer laser.

1. **University of Toronto**, Toronto, Guest Professor, February 1999.
 1. Brownstein S. Excimer laser surgery from the pathologist's perspective.
 2. Brownstein S. Pathology of uveal malignant melanoma.
 3. Brownstein S. Pathology of retinoblastoma.
2. **Greater New York Ophthalmology Clinical Lecture Series**, New York City, Guest Professor, March 1999.
 1. Brownstein S. Histology the optic nerve and disc.
 2. Brownstein S. Pathology of disc edema and inflammation.
 3. Brownstein S. Pathology of optic nerve neoplasia.
3. **University of Ottawa Department of Pathology and Laboratory Medicine Annual Research Day**, Ottawa, April 1999.
 McEachren TM, Brownstein S, Punja KG, Lafontaine MD, Laycock NLC, Jackson WB, Mintsioulis G, Griffith M. Corneal wound healing in human postmortem eyes treated with the excimer laser.
4. **Association for Research in Vision and Ophthalmology**, Fort Lauderdale, May 1999.
 Punja KG, Brownstein S, Lafontaine MD, Jackson WB, Mintsioulis G, Griffith M. Corneal wound healing in human postmortem eyes treated with the excimer laser (poster).
5. **University of Ottawa Department of Ophthalmology 13th Annual Research Day**, Ottawa, May 1999.
 1. Hwang IP, Jordan DR, Gilberg S, Brownstein S, McEachren TM. New orbital implants: The Brazilian and the Molteno M-SphereTM implants.
 2. McEachren TM, Brownstein S, Punja KG, Lafontaine MD, Laycock NLC, Jackson WB, Mintsioulis G, Griffith M. Corneal wound healing in human postmortem eyes treated with the excimer laser.
 3. Punja KG, Brownstein S, Lafontaine MD, Jackson WB, Mintsioulis G, Griffith M. Corneal wound healing in human postmortem eyes treated with the excimer laser (Poster).
6. **Association of Ophthalmic Alumni of the Armed Forces Institute of Ophthalmology**, Washington, DC, June 1999.
 Brownstein S, Punja KG, Damji K, Jordan DR. Unsuspected ring malignant melanoma of the ciliary body presenting as neovascular glaucoma.
7. **Canadian Oculoplastic Society**, Halifax, NS, June 1999.
 Jordan DR, Hwang I, Gilberg S, Brownstein S, McEachren T, Grahovac S. The Brazilian and the M-Sphere (other forms of hydroxyapatite).
8. **Canadian Ophthalmic Pathology Society**, Halifax, NS, June 1999.
 Brownstein S, Hill VE, Jackson WB, Mintsioulis G. Infectious keratopathy complicating photorefractive keratectomy.
9. **Hadassah University Hospital and Medical School**, Jerusalem, Israel, Visiting Professor, July 1999.
 1. Brownstein, S. Grand Rounds: Ocular pathology presentations.
 2. Brownstein, S. Anatomy and histology of the cornea.
 3. Brownstein, S. Corneal inflammations/infections.
 4. Brownstein, S. Corneal dystrophies and degenerations.
10. **Sally Letson Symposium**, Ottawa, September 1999.

- Brownstein, S. Anatomy and histology of the eyelids, conjunctiva and cornea.
11. **European Society of Ophthalmic Plastic and Reconstructive Surgery 17th Annual Meeting**, Istanbul Turkey, September 1999.
Jordan DR, Mawn L, Gilberg S, Brownstein S, Hill V. Experience with the bioceramic orbital implant.
 12. **Eastern Ophthalmic Pathology Society**, Orlando, Florida, October 1999.
Brownstein S, Jordan DR, Gilberg S, Hwang I, McEachren T, Coupal D, Prokopetz R. Mucoepidermoid carcinoma of the conjunctiva with corneal invasion.
 13. **American Society of Ophthalmic Plastic and Reconstructive Surgery**, Orlando, Florida, October 1999
 1. Jordan DR, Klapper SR, Gilberg S, Punja KG, Brownstein S. Analysis of seven different anophthalmic orbital implant wraps.
 2. Jordan DR, Hwang I, Gilberg S, Mawn L, Brownstein S, McEachren T. Analysis of alternative forms of hydroxyapatite: The M-SphereTM. (Poster)

2000

1. **Greater New York Ophthalmology Clinical Lecture Series**, New York City, Guest Professor, March 2000.
 1. Brownstein S. Histology and Pathology of the Cornea.
 2. Brownstein S. Corneal inflammatory disease.
 3. Brownstein S. Corneal degenerations and dystrophies.
2. **McGill University**, Montreal, Guest Professor, April 2000.
 1. Brownstein S. Grand Rounds Presentation: The role of the ocular pathologist in
 2. The diagnosis of corneal disorders including the use of in vivo confocal microscopy.
 3. Brownstein S. Corneal anatomy, congenital anomalies and inflammations.
 4. Brownstein S. Corneal degenerations and dystrophies.
3. **University of Ottawa Department of Pathology and Laboratory Medicine Annual Research Day**, Ottawa, April 2000. Coupal DJ, Brownstein S, McEachren T, Robertson S, Lafontaine MD, Laycock N, Punja K, Jackson B, Mintsioulis G, Griffith M. Corneal wound healing at the epithelial basement membrane level in human postmortem eyes treated with the excimer laser. (Prize for second best paper by a resident or fellow).
4. **Association for Research in Vision and Ophthalmology**, Fort Lauderdale, Florida, May 2000.
McEachren T, Brownstein S, Coupal DJ, Punja KG, Lafontaine MD, Laycock NLC, Jackson WB, Mintsioulis G, Griffith M. Corneal wound healing in human postmortem eyes treated with the excimer laser (poster).
5. **University of Ottawa Department of Ophthalmology 14th Annual Research Day**, Ottawa, May 2000.
 1. Coupal DJ, Brownstein S, Lafontaine M, Robertson S, Laycock NLC, Jackson WB, Mintsioulis G, Griffith M: Corneal wound healing in human postmortem eyes treated with the VISX Star S2 laser.
 2. Lee-Wing M, Jordan DR, Coupal DJ, Brownstein S, Gilberg S, Griffith M: Analysis of 10 New alumina orbital implants and 2) The effects of basic fibroblast growth factor on orbital implant vascularization.

3. Al Muammar A, El-Defrawy S, Mintsioulis G, Munger R, Coupal D, Brownstein S, Griffith M: In vitro analysis of vacuolization in intraocular lenses (**Prize for the second best paper by a resident or fellow**).
4. McEachren TM, Brownstein S, Coupal DJ, Punja KG, Lafontaine MD, Laycock NLC, Jackson WB, Mintsioulis G, Griffith M: Corneal wound healing in human postmortem eyes treated with the excimer laser (poster).
5. Jordan DR, Hwang I, Gilberg S, Mawn L, Brownstein S, McEachren T: Analysis of alternative forms of hydroxyapatite: The M-sphere.
6. **Canadian Ophthalmic Pathology Society**, Whistler, BC, June 2000.
Brownstein S, Coupal DJ, McEachren TM, Jordan DR, Gilberg SM, Prokopetz R, Hwang IP. Recurrent mucoepidermoid carcinoma of the conjunctiva.
7. **Canadian Ophthalmologic Society/ Canadian External Disease and Cornea Society**, Whistler, BC, June 2000.
 1. Jackson WB, Gilberg S, Murphy B, Brownstein S, Coupal DJ. Necrotizing fasciitis affecting the eyelids.
 2. Murphy B, Addison DJ, Brownstein S, Coupal D, Montpetit V, Gilberg SM. Primary systemic amyloidosis mimicking giant cell arteritis (poster).
8. **5th International Symposium on Ocular Trauma**, Montreal, July 2000.
Brownstein S. Clinical Pathologic Findings Following Radiation Therapy.
9. **Orbital Society Meeting**, Paris, France, September 2000.
 1. Jordan DR, Hwang I, Brownstein S, McEachren T, Mawn L, Grahovac S. The bioceramic implant, the Molteno implant, the Brazilian implant.
 2. Jordan DR, Brownstein S. Explanted hydroxyapatite implants.
10. **Eastern Ophthalmic Pathology Society Annual Meeting**, Philadelphia, September 2000.
Brownstein S, Gilberg SM, Pelletier CR, Li S, Eidus L, Mathew B: Diffuse siliconoma of the eyelid.
11. **Joint meeting of the American Association of Ophthalmic Pathologists and the International Symposium of Ophthalmic Pathologists**, Dallas, October 2000 (also, moderator of one academic session).
Brownstein S: Lorenz E. Zimmerman MD.

2001

1. **The Vitreous Society 18th Annual Meeting**, Cancun, Mexico, January 2001.
Kertes PJ, El-Defrawy S, Brownstein S, Munger R, Mathew B, Al-Muammar A, Ahuja N, Ma PE: Opacification and overgrowth of the hydroview hydrogel lens: A lens that is too biocompatible.
2. **Greater New York Clinical Lecture Series**, New York City, Guest Professor, March 2001.
Brownstein S. Pathology of the Conjunctiva.
3. **19th Biennial Meeting of the Association of Ophthalmic Alumni of the Armed Forces Institute of Pathology in conjunction with the 1st Combined Ophthalmic Pathology Meeting**, Bethesda, Maryland, April 2001 (Program Chairman).
Brownstein S, Mathew B, Singh D: Superficial granular dystrophy with asymmetric amyloid deposition.
4. **American Society of Cataract and Refractive Surgery**, San Diego, CA, April

- 2001.
1. Hill V, El-Defrawy SR, Kertes PJ, Brownstein S, Munger R, Mathew B, Al Muammar A: Hydroview hydrogel lens: Opacification and overgrowth.
 2. Al Muammar A, El-Defrawy S, Munger R, Ahuja N, Mintsioulis G, Brownstein S, Griffith M: In vitro analysis of glistenings in IOLs.
 5. **Association for Research in Vision and Ophthalmology**, Fort Lauderdale, Florida, May 2001.
Coupal D, Brownstein S, Jordan DR, Prokopetz R, Mathew B. Characteristic histopathologic findings in nevoid basal cell carcinoma syndrome lesions (poster).
 6. **Annual Research Day, Department of Pathology and Laboratory Medicine, University of Ottawa**, Ottawa, Ontario, May 2001.
Mathew B, Brownstein S, Robertson S, Coupal D, Prokopetz R, Jordan D. Immunohistochemical profile and histochemical analysis of mucoepidermoid carcinoma of the conjunctiva. (First prize for the best paper by a resident or fellow).
 7. **Annual Research Day, Department of Ophthalmology, University of Ottawa**, Ottawa, Ontario, May 2001.
 1. Al Muammar A, El-Defrawy S, Munger R, Ahuja N, Mintsioulis G, Brownstein S, Mathew B, Griffith M, Barbery C: In vitro analysis of glistenings in intraocular lenses.
 2. Mathew B, Brownstein S, Robertson S, Coupal D, Prokopetz R, Jordan DR: Immunohistochemical profile and histochemical analysis of mucoepidermoid carcinoma of the conjunctiva. (**First prize for the best paper by a resident or fellow**).
 3. Kouri LM, Jordan DR, Griffith M, Brownstein S, Mathew B, Gilberg S: Biocompatibility of various orbital implants.
 4. Hill VE, Brownstein S, Kertes PJ, Mathew B, Munger R, El-Defrawy S: Storz hydroview H60M intraocular lens opacification - A clinicopathologic case series. (**Second prize for the best paper by a resident or fellow**).
 5. Coupal D, Brownstein S, Jordan DR, Prokopetz R, Mathew B: Characteristic histopathologic findings identified in nevoid basal cell carcinoma lesions (poster).
 8. **Canadian Ophthalmic Pathology Society**, Toronto, Ontario, June 2001.
Brownstein S, Mathew B, Kertes P, Gilberg S, Damji K, Chialant D: Clinically unsuspected diffuse malignant melanoma of the uvea presenting as recurrent iritis.
 9. **Canadian Society of Oculoplastic Surgeons**, Toronto, Ontario, June 2001.
Jordan DR, Khouri L, Brownstein S, Mathew B, Gilberg S: A new orbital implant: OPLA.
 10. **Canadian Association of Pathology**, Quebec City, June 2001.
Mathew B, Brownstein S, Robertson S, Coupal D, Prokopetz R, Jordan DR: Immunohistochemical profile and histochemical analysis of mucoepidermoid carcinoma of the conjunctiva (poster).
 11. **American Association of Ophthalmic Pathologists**, New Orleans, November 2001.
Brownstein S, Hill V, Kertes PJ, Mathew B, Botton GA, Dorey M, Munger R, El-Defrawy S: Storz Hydroview H60M intraocular lens opacification.
 12. **American Society of Ophthalmic Plastic and Reconstructive Surgery**, New

Orleans, November 2001.

Jordan DR, Brownstein S, Gilberg S, Khouri L, Mathew B: Analysis of a new bioresorbable orbital implant (poster).

2002

1. **Greater New York Clinical Lecture Series**, New York City, Guest Professor, January 2002.
 1. Brownstein S. Pathology and differential diagnosis of malignant melanoma of the uvea.
 2. Brownstein S. Pathology and differential diagnosis of retinoblastoma and pseudoretinoblastoma.
2. **Bascom Palmer 40th Anniversary Symposium**, Miami, Florida, February 2002. Gilberg S, Jordan DR, Brownstein S. Evolution of the porous orbital implants.
3. **Orbital Society**, Vancouver, BC, March 2002. Jordan DR, Brownstein S, Dorey MW, Coupal D, Gilberg S, Ahuja N. A black substance around some titanium peg coupling posts.
4. **Annual Research Day, Department of Pathology and Laboratory Medicine, University of Ottawa**, Ottawa, Ontario, April 2002. Dorey MW, Brownstein S, Hill VE, Mathew B, Botton GA, Kertes PJ, El-Defrawy S: Calcific opacification of the superficial matrix of the optic in the Bausch and Lomb Hydroview H60M intraocular lens.
5. **Association for Research in Vision and Ophthalmology**, Fort Lauderdale, Florida, May 2002. Brownstein S, Mathew B, Robertson S, Coupal D, Prokopetz R, Jordan DR. Immunohistochemical profile and histochemical analysis of mucoepidermoid carcinoma of the conjunctiva.
6. **Annual Research day, Department of Ophthalmology, University of Ottawa**, Ottawa, Ontario, May 2002.
 1. Dorey WM, Brownstein S, Robertson S, Prokopetz R. Immunohistochemical analysis of PAM and ocular melanoma. (**Tied for second prize for a paper by a resident or fellow**)
 2. Yuen VH, Jordan DR, Brownstein S, Dorey M, Gilberg S. Investigation of porous polyethylene (Medpor) as an orbital implant.
 3. Coupal D, Brownstein S, Jordan DR, Prokopetz R, Mathew B. Characteristic histopathologic findings in nevoid basal cell carcinoma syndrome lesions (poster).
7. **Canadian Ophthalmic Pathology Society**, Hull, Quebec, June 2002.
 1. Brownstein S, Dorey MW, Coupal D, Jordan DR: Cavernous hemangioma of the orbit/eyelids.
 2. Dorey MW, Brownstein S, Fournier A: Recurrent hyphema in a child with juvenile xanthogranuloma (JXG).
 3. Brownstein S: Moderator of anterior segment disorders.
 4. Brownstein S: In memoriam: Mourad Khalil, MD FRCSC
8. **Canadian Ophthalmological Society Meeting**, Hull, Quebec, June 2002.
 1. Brownstein S. Primary acquired melanosis(PAM) of the conjunctiva.
 2. Dorey WH, Brownstein S, Hill VE, Mathew B, Botton GA, Kertes PJ, El-Defrawy S: Calcific opacification of the superficial matrix of the optic in the Bausch and Lomb

Hydroview H60M intraocular lens.

9. **Canadian Association of Pathologists**, Calgary, Alberta, June 2002.
 1. Dorey MW, Lamba M, Farmer J, Leonard BC, Kertes PJ, Brownstein S: The use of aspiration biopsy in the diagnosis of intraocular melanoma (poster).
 2. Mokhtar G, Lamba M, Olberg B, Jabi M, Lamothe A, Brownstein S: Sinonasal malignant melanoma. A clinicopathologic and immunohistochemical study of six cases (poster).
10. **Eastern Ophthalmic Pathology Society**, Ann Arbor, Michigan, September 2002.
 1. Brownstein S: Disseminated venous malformation of the orbit.
 2. Brownstein S: Memorial for Mourad Khalil, MD.
 3. Brownstein S: Moderator for section on "Unknowns".
11. **Sally Letson Symposium**, Ottawa, Ontario, October 2002.
Brownstein S: Pathology of uveitis.
12. **American Association of Ophthalmic Pathologists**, Orlando, Florida, October 2002.
Brownstein S, Dorey MW, Faraji H, Robertson S, Prokopetz R, Jordan DR: Immunohistochemical profile and histochemical studies on primary acquired melanosis of the conjunctiva.
13. **American Society of Oculoplastic and Reconstructive Surgery**, Orlando, Florida, October 2002.
Jordan DR, Brownstein S, Dorey MW, Coupal D, Ahuja N, Gilberg S: Accumulation of a black material around some titanium coupling posts.

2003

1. **Greater New York Ophthalmic Lecture Series**, New York City, February 2003.
 1. Brownstein S: Anatomy and physiology of the optic nerve.
 2. Brownstein S: Optic edema, neuritis, and atrophy.
 3. Brownstein S: Neoplasms of the optic nerve.
2. **Department of Ophthalmology of the University of Montreal**, Guest professor, Montreal, March 2003.
 1. Brownstein S: Case presentations with the residents.
 2. Brownstein S: Grand Rounds: Pathogenesis of the opacification of Hydrogel intraocular lenses.
 3. Brownstein S: Grand Rounds: Current diagnosis and management of primary acquired melanosis of the conjunctiva.
3. **Greater New York Ophthalmic Lecture Series**, New York City, March 2003.
 1. Brownstein S: Anatomy and physiology of the cornea.
 2. Brownstein S: Corneal inflammations and infections.
 3. Brownstein S: Corneal degenerations and dystrophies.
4. **Departments of Ophthalmology, Case Western Reserve and Cleveland Clinics and Cleveland Ophthalmological Society**, Cleveland, Ohio, Guest Professor and Named Lectureship, April 2003.
 1. Brownstein S: Corneal cases with confocal microscopy and pathogenesis of opacification of hydrogel intraocular lenses leading to progressive visual loss.
 2. Brownstein S: **Lorand V. Johnson Named Lectureship**: Current diagnostic and therapeutic approaches for primary acquired melanosis of the conjunctiva.

3. Brownstein S: Grand Rounds. Case presentations.
4. Brownstein S: Review of local cases with the residents.
5. **AFIP-Combined Ophthalmic Pathology Biennial Meeting**, Chicago, April 2003
(**President of the AOA-AFIP and of the meeting**).
Brownstein S: Rhodotorula glutinis endophthalmitis.
6. **Association for Research in Vision and Ophthalmology**, Fort Lauderdale, Florida, May 2003. Dorey MW, Brownstein S, Faraji H, Robertson S, Prokopetz R, Jordan DR: Immunohistochemical analyses of primary acquired melanosis of the conjunctiva.
7. **University of Ottawa Department of Pathology Annual Research Day**, Ottawa, Ontario, May 2003.
Faraji H, Brownstein S, Dorey MW, Robertson S, Prokopetz R, Jordan DR: Immunohistochemical analyses of primary acquired melanosis of the conjunctiva.
8. **University of Ottawa Department of Ophthalmology Annual Research Day**, Ottawa, Ontario, May 2003.
 1. Faraji H, Brownstein S, Dorey MW, Robertson S, Prokopetz R, Jordan DR: Immunohistochemical analyses on uveal melanoma and comparison to other melanocytic and nonmelanocytic ocular tissues.
 2. Zafar A, Jordan DR, Brownstein S, Faraji H, Griffith M, Gan L, Gilberg SM, Khouri LM, Yuen VH: Biocompatibility of various orbital implants - part 2.
 3. Al-Ani A, Damji KF, Brownstein S, Changtzu X: Anterior lens epithelium gene expression via DNA microarray from patients with and without pseudoexfoliation syndrome.
 4. Dorey MW, Brownstein S, Faraji H, Robertson S, Prokopetz R, Jordan DR: Immunohistochemical analyses of primary acquired melanosis of the conjunctiva (poster).
 5. Jordan DR, Brownstein S, Dorey MW, Coupal D, Ahuja N, Gilberg S: Accumulation of a black material around some titanium coupling posts (poster).
9. **Orbital Society**, Hull, Quebec, June 2003.
 1. Brownstein S, Jordan DR, Coupal D, Dorey M, Sefau S, Faraji H: Venous malformations of the orbit. A clinicopathologic correlation of three patients.
 2. Jordan DR, Brownstein S, Grahovac SZ, Faraji H: Combined venous lymphatic abnormality of the orbit.
10. **Canadian Ophthalmic Pathology Society**, Halifax, Nova Scotia, June 2003.
Brownstein S, Faraji H, Jordan D, Lee-Wing MW, Coupal D, Damji K: Orbital reactions following injection with depot corticosteroids.
11. **Canadian Ophthalmological Society**, Halifax, Nova Scotia, June 2003.
Dorey M, Brownstein S, Faraji H, Robertson S, Prokopetz R, Jordan DR: Immunohistochemical evaluation of primary acquired melanosis of the conjunctiva.
12. **Hadassah University Medical Center Department of Ophthalmology**, Jerusalem, Israel, Visiting Professor, July 2003.
 1. Brownstein S, Dorey MW, Hill VE, Mathew B, Botton G, Kertes PJ, El-Defrawy S: Grand Rounds. The pathogenesis of the opacification of hydrogel intraocular lenses
 2. Brownstein S: Grand Rounds. Clinicopathologic case presentations.
 3. Brownstein S: Anatomy and physiology of the optic nerve.
 4. Brownstein S: Optic disc edema, inflammation and atrophy.
 5. Brownstein S: Tumors of the optic nerve and papilla.
 6. Brownstein S: In vivo confocal microscopy of the normal and diseased cornea.

7. Brownstein S: Does the pathologist have the final word in the diagnosis of external ocular disorders.
13. **Israeli Cornea Society**, Mitzpe Hayamim, Israel, July 2003.
1. Brownstein S, Mathew B, Bao W, Klintworth GK, Singh D: Corneal dystrophies of Bowman's layer and the superficial corneal stroma.
 2. Brownstein S: In vivo confocal microscopy of the normal and diseased cornea.
 3. Brownstein S: The role of the ocular pathologist in the diagnosis of corneal disorders.
 4. Brownstein S: LASEK methodology and preliminary results.
14. **Eastern Ophthalmic Pathology Society**, Durham, North Carolina, October 2003. Brownstein S, Jordan DR, Zafar A, Faraji H: Lacrimal ductule dacryolithiasis.
15. **Greater New York Ophthalmic Lecture Series**, New York City, October 2003.
1. Brownstein S: Anatomy, congenital, inflammatory, systemic and degenerative diseases of the conjunctiva.
 2. Brownstein S: Nonpigmented proliferative disorders of the conjunctiva.
 3. Brownstein S: Pigmented proliferative disorders of the conjunctiva.
 4. Brownstein S: Conjunctival stromal proliferative disorders.

2004

1. **Greater New York Ophthalmic Lecture Series**, New York City, February 2004.
 1. Brownstein S: Pathology of suppurative (acute) ocular inflammations.
 2. Brownstein S: Pathology of chronic nongranulomatous ocular inflammations.
 3. Brownstein S: Pathology of chronic granulomatous ocular inflammations.
2. **Association for Research in Vision and Ophthalmology**, Fort Lauderdale, Florida, April 2004.
Faraji H, Brownstein S, Dorey MW, Jordan DR, Robertson S: Immunohistochemical analyses of uveal melanoma and comparison with primary acquired melanosis of the conjunctiva.
3. **Department of Ophthalmology Annual Research Day**, University of Ottawa, Ottawa, May 2004.
 1. Faraji H, Brownstein S, Buhrmann R, Prokopetz R, Jordan DR: Alternative bleaching techniques in the immunohistochemical evaluation of melanocytic lesions of the conjunctiva and uvea.
 2. Faraji H, Brownstein S, Dorey MW, Robertson S, Prokopetz R, Jordan DR: Immunohistochemical analyses on uveal melanoma and comparison to other melanocytic and nonmelanocytic ocular tissues (poster) (Awarded **first prize in poster competition**).
 3. Jordan DR, Brownstein S, Dorey M, Yuen VH, Gilberg S: Fibrovascularization of porous polyethylene (Medpor) orbital implantation in a rabbit model (poster).
4. **Department of Laboratory Medicine Annual Research Day**, University of Ottawa, Ottawa, May 2004.
Faraji H, Brownstein S, Buhrmann R, Prokopetz R, Jordan DR: Alternative bleaching techniques in the immunohistochemical evaluation of melanocytic lesions of the conjunctiva and uvea.
5. **Canadian Ophthalmic Pathology Society Annual Meeting**, Vancouver, BC, June 2004.
Brownstein S, Faraji H, Jordan DR: Fibrous tumour of inner canthus.

6. **Canadian Corneal and External Disease Society**, Vancouver, BC, June 2004.
Varma DK, Hodge WG, Brownstein S, Faraji H, Pan YI: Posterior keratoconus.
7. **European Society of Oculoplastic and Reconstructive Surgery** (and the **Orbit Society**, Amsterdam) Society Annual Meeting, Belgium, June 2004.
Jordan DR, Brownstein S, Faraji H: Clinicopathologic analysis of explanted hydroxyapatite implants.
8. **Greater New York Ophthalmic Lecture Series**, New York City, September 2004.
 1. Brownstein S. Pathology of uveal melanoma.
 2. Brownstein S. Pathology of pseudomelanoma.
 3. Brownstein S. Pathology of retinoblastoma.
 4. Brownstein S. Pathology of pseudoretinoblastoma.
9. **Eastern Ophthalmic Pathology Society**, New York, October 2004.
Brownstein S, Faraji H, Hodge WG, Varma DK: Generalized posterior keratoconus with polymorphous amyloid dystrophy.
10. **American Society of Oculoplastic and Reconstructive Surgery**. New Orleans, LA, October 2004.
Jordan DR, Brownstein S, Faraji H: Clinicopathologic analysis of 15 explanted hydroxyapatite implants.

2005

1. **Greater New York Ophthalmic Lecture Series**, New York City, March 2005.
 1. Brownstein S. Pathology of secondary glaucomas.
 2. Brownstein S. Pathology of primary glaucomas.
 3. Brownstein S. The normal retina and macula.
 4. Brownstein S. Pathology of the macula.
2. **Canadian Society of Cataract and Refractive Surgery**, Ottawa, April 2005.
 1. Brownstein S, Robinson J, Jordan DR, Hodge WH: Conjunctival mucoepidermoid carcinoma in a patient with ocular cicatricial pemphigoid.
 2. Robinson J, Brownstein S, Rocha G. Complications in PLK/DLEK.
3. **Association for Research in Vision and Ophthalmology**, Fort Lauderdale, Florida, May 2005. Robinson JW, Faraji H, Brownstein S, Prokopetz R, Buhrmann R, Robertson S, Jordan DR: Alternative bleaching techniques in the immunohistochemical evaluation of melanocytic lesions of the conjunctiva and uvea (poster).
4. **University of Ottawa Department of Laboratory Medicine (Pathology) Annual Research Day**, Ottawa, ON, May 2005.
 1. Robinson JW, Brownstein S, Buhrmann R, Robertson S, Jordan DR, Leonard B: Immunohistochemical analysis of angiogenesis in uveal melanoma and subretinal membranes.
 2. Robinson JW, Faraji H, Brownstein S, Prokopetz R, Buhrmann R, Robertson S, Jordan DR: Alternative bleaching techniques in the immunohistochemical evaluation of melanocytic lesions of the conjunctiva and uvea (poster).
5. **University of Ottawa Department of Ophthalmology Annual Research Day**, Ottawa, May 2005.
 1. Robinson JW, Brownstein S, Buhrmann R, Robertson S, Jordan DR, Leonard B: Immunohistochemical analysis of angiogenesis in uveal melanoma and subretinal membranes.

2. Robinson JW, Faraji H, Brownstein S, Prokopetz R, Buhrmann R, Robertson S, Jordan DR: Alternative bleaching techniques in the immunohistochemical evaluation of melanocytic lesions of the conjunctiva and uvea (poster).
3. Jordan DR, Brownstein S, Faraji H. Clinicopathologic analysis of 15 explanted hydroxyapatite implants (poster).
6. **Canadian Ophthalmic Pathology Society**, Edmonton, June 2005 (moderator). Brownstein S, Faraji H, Robinson J, Jackson WB, Font RL: Conjunctival melanoma in children.
7. **Canadian Ophthalmological Society**, Edmonton, June 2005. Sher JH, Dubinski W, El-Defrawy S, Brownstein S, Nash WA: A comparison of the incidence of opacification of Hydroview hydrogel intraocular lens depending on the viscoelastic used during surgery.
8. **Canadian Oculoplastic Reconstructive Surgery Society**, Edmonton, Alberta, June 2005. Jordan DR, Brownstein S, Faraji H. Clinicopathologic analysis of 15 explanted hydroxyapatite implants (poster).
9. **Sally Letson Symposium**, Ottawa, September 2005. Brownstein S: Pathologic pearls for malignant neoplasms of the eyelid including basal cell, squamous cell, sebaceous and Merkel cell carcinomas, and malignant melanoma.
10. **Eastern Ophthalmic Pathology Society**, Boston, September 2005 (moderator). Brownstein S, Robinson J, Jordan DR, Hodge WH: Conjunctival mucoepidermoid carcinoma in a patient with OCP. Also, moderator of corneal papers.
11. **American Society of Oculoplastic and Reconstructive Surgery**, Chicago, October 2005. Jordan DR, Brownstein S, Faraji H: Clinicopathologic analysis of an infected bioceramic implant.
12. **American Association of Ophthalmic Pathologists Annual Meeting**. Chicago, October 2005. Brownstein S, Robinson JW, Faraji H, Prokopetz R, Buhrmann R, Robertson S, Jordan DR. Effect of hydrogen peroxide bleaching in the immunohistochemical evaluation of melanocytic lesions of the conjunctiva and uvea.

2006

1. **Greater New York Ophthalmic Lecture Series**, New York City, January 2006
 1. Brownstein S. Normal anatomy of the optic nerve.
 2. Brownstein S. Congenital, disc edema, optic neuritis and optic atrophy.
 3. Brownstein S. Tumors of the optic nerve and meninges.
2. **Combined Ophthalmic Pathology Meeting**, Philadelphia, April 2006 (committed). Brownstein S. Corneal myxoma..
3. **Association for Research in Vision and Ophthalmology**, Fort Lauderdale, Florida, May 2006 (committed). Rawlings N, Brownstein S, et al. Angiogenesis in uveal melanoma.
4. **Canadian Ophthalmic Pathology Society**, Toronto, Ontario (committed). Brownstein S, Rawlings N, Jordan DR. Eyelid unknown masquerading clinically as a chalazion.
5. **Hadassah University Medical Center Department of Ophthalmology**, Jerusalem, Israel, Visiting Professor, July 2006 (committed).