

*CURRICULUM VITAE*  
**KING W. TO, M.D.**

*April 30, 2005*

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Providence, RI 02903  
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**EDUCATION**

Undergraduate

Brown University Program in Medicine, 1979-1986  
Brown University, A.B., 1983

Medical School

Brown University, M.M.S. (Master of Medical Science), 1986  
Brown University, M.D., 1986

**POSTGRADUATE TRAINING**

Transitional Year

Winthrop University Hospital, Mineola, NY  
Stonybrook University School of Medicine  
Internship in Medicine, 1986-1987

Residency

Lenox Hill Hospital, New York City, NY  
Cornell University Medical College  
Residency in Ophthalmology, 1987-1990

Fellowship

Massachusetts Eye and Ear Infirmary, Boston, MA  
Harvard Medical School  
Clinical Fellowship in Ophthalmic Oncology  
and Ophthalmic Pathology, 1990-1991

**POSTGRADUATE HONORS  
AND AWARDS**

First Place Allergan Research Award, Dye-Enhanced Laser  
Photocoagulation, Pan American Congress of Ophthalmology,  
Rio de Janeiro, Brazil, 1990

H. Frederick Stephens Award for Outstanding Teaching  
of Medical Students and Ophthalmology Residents,  
Brown University School of Medicine, 1993, 1998

"Excellence in Teaching Award for Clinical Faculty",  
Brown Medical School, 2001

**PPROFESSIONAL LICENSES  
AND BOARD CERTIFICATION**

New York  
Massachusetts  
Rhode Island

Diplomate, National Board of Medical Examiners, 1987  
Diplomate, American Board of Ophthalmology, 1991

**ACADEMIC APPOINTMENTS**

Clinical Assistant Professor of Surgery (Ophthalmology)  
Brown University School of Medicine, 1991-1995

Clinical Associate Professor of Surgery (Ophthalmology)  
Brown University School of Medicine, 1995-2000

Clinical Professor of Surgery (Ophthalmology)

Brown University School of Medicine, 2000-present

Research Associate in Ophthalmology  
Harvard Medical School, 1995-present

## HOSPITAL APPOINTMENTS

Director of Ophthalmology Residency Training Program,  
Rhode Island Hospital, Providence, RI, 1991-2002

Director of Ophthalmic Pathology, Rhode Island Hospital,  
Providence, RI, 1991-present

Research Investigator, Berman-Gund Laboratory,  
Massachusetts Eye & Ear Infirmary, Boston, MA, 1991-present

Staff Ophthalmologist, Veterans Administration  
Medical Center, Providence, RI, 1991-1995

Chief, Department of Ophthalmology, Veterans  
Administration Medical Center, Providence, RI, 1995-2002

## HOSPITAL COMMITTEES

Quality Assurance Committee, 1991-1995  
Utilization Review Committee, 1994-1997  
Human Anatomy Laboratory Users Committee, 1994-1996  
Laser Safety Committee, 1994-2002  
Graduate Medical Education Committee, 1995-1999  
Service Chiefs Committee, 1995-2000  
Sydney Fox Professorship Search Committee, 1996  
Clinical Executive Board, VAMC, 1999-2000

## UNIVERSITY COMMITTEES

Post Graduate Referral Committee, Brown Medical School, 1991-1999

## MEMBERSHIP IN SOCIETIES

American Association of Ophthalmic Pathologists  
Association for Research in Vision and Ophthalmology  
American Academy of Ophthalmology  
Pan American Association of Ophthalmology  
American Society of Cataract and Refractive Surgery  
Chinese-American Ophthalmology Society  
New England Ophthalmologic Society  
Association of University Professors of Ophthalmology  
Eastern Ophthalmic Pathology Society (by invitation)  
AMERICAN BOARD OF OPHTHALMOLOGY  
Oral Examiner, Cambridge, Massachusetts, 2003  
Oral Examiner, Philadelphia, Pennsylvania, 2005

## ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Deutsch TK, Boll J, Puliafito CA, To K. Semiconductor-laser technology. *Lasers and Electro-Optics*: 1986;150-151.
2. To K, McMaster PRB, Geltzer A, Kinder RSL. Presence of retinal auto-antigen in normal mice: Absence in strains with retinal degeneration. *Ann Ophthalmol* 1987;19:334-337.
3. Puliafito CA, Deutsch TF, Boll J, To K. Semiconductor-laser endophotocoagulation of the retina. *Arch Ophthalmol* 1987;105:424-427.
4. Puliafito CA, Destro M, To K, Dobi E. Dye-enhanced photocoagulation. *Invest Ophthalmol Vis Sci (suppl)* 1988;29:414.

5. To K, Rabinowitz SM, Friedman AH, Merker C, Cavanaugh CP. Neurofibromatosis and neural crest neoplasms: Primary acquired melanosis and malignant melanoma of the conjunctiva. *Surv Ophthalmol* 1989;33:373-379.
6. Hornblass A, To K, Coden DJ, Ahn-Lee S. Endogenous orbital cellulitis and endogenous endophthalmitis in subacute bacterial endocarditis. *Am J Ophthalmol* 1989;108:196-197.
7. To K, Friedman AH. CMV retinitis. *JAMA* 1989;262:3337.
8. To K, Nadel AJ. Atypical presumed CMV retinitis. *Graefe's Arch Clin Exp Ophthalmol* 1989;227:535-537.
9. To K. Artificial tears or lens cleaner. *Am J Ophthalmol* 1989;108:610.
10. Obstbaum SA, To K. Posterior chamber intraocular lens dislocations and malpositions. *Aust N Z J Ophthalmol* 1989;17:265-271.
11. To K, Mukai S, Friedman AH. Aniridia and retinoblastoma: A possible association? *Invest Ophthalmol Vis Sci (suppl)* 1990;31:584.
12. Nadel AJ, To K, Friedman AH, Starr MB. Central retinal vein occlusion in acquired immune deficiency syndrome. *Invest Ophthalmol Vis Sci (suppl)* 1990;31:142.
13. Gorman BD, To K, DaSilva M, Cronin W, DiStefano D, Friedheim E. A new animal model for *Acanthamoeba* keratitis. *Invest Ophthalmol Vis Sci (suppl)* 1990;31:419.
14. To K, Warren FA. Unilateral papilledema in pseudotumor cerebri. *Arch Ophthalmol* 1990;108:644-645.
15. To K, Nadel AJ, Brockhurst RJ. Optic disc neovascularization in association with Vogt-Koyanagi-Harada syndrome. *Arch Ophthalmol* 1990;108:918-919.
16. To K, Nadel AJ, Perlstein SH, Margolis S. Bilateral optic disc neovascularization in association with retinitis pigmentosa. *Can J Ophthalmol* 1991;26:152-155.
17. To K, Panton R. Cytomegalovirus retinitis. *Hosp Physician* 1991;28:25-26.
18. Levin LA, Popham J, To K, Hein A, Shore J, Jakobiec FA. Mucoepidermoid carcinoma of the lacrimal gland. *Ophthalmology* 1991;98:1551-1555.
19. Jakobiec FA, To K. Corneal epithelial dysmaturation. *Invest Ophthalmol Vis Sci (suppl)* 1991;32:1075.
20. To K, Adamian M, Jakobiec FA, Berson EL. Olivopontocerebellar atrophy with retinal degeneration: An ophthalmologic investigation of three generations. *Invest Ophthalmol Vis Sci (suppl)* 1991;32:1139.
21. Diesenhouse MC, Palay DA, To K, Newman NJ, Albert DM. Acquired heterochromia with Horner's syndrome in two adults. Abstract in North America Neuro-Ophthalmology Society Meeting 1991 and 95th Annual Meeting of the American Academy of Ophthalmology (*Ophthalmology Suppl* 1991;98:114).

22. To K, Albert DM. Tumor and tumor-like lesions of the conjunctiva and cornea. *Current Opinion in Ophthalmol* 1992;3:431-437.
23. Rubin PAD, Shore JW, Jakobiec FA, To K. Hemangiopericytoma of the lacrimal sac. *Ophthalmic Surgery* 1992;23:562-563.
24. Diesenhouse MC, Palay DA, Newman, NJ, To K, Albert DM. Acquired heterochromia with Horner syndrome in two adults. *Ophthalmology* 1992;99:1815-1817.
25. To K, Adamian M, Berson EL. Histopathologic findings in three carriers of choroideremia. *Invest Ophthalmol Vis Sci (suppl)* 1992;33:1067.
26. Janigian RH, Tsiaras WG, To K. Central retinal artery occlusion after external carotid artery embolization. *Ophthalmology (suppl)* 1993;100:142.
27. To K, Adamian M, Jakobiec FA, Berson EL. Olivopontocerebellar atrophy with retinal degeneration: An electroretinographic and histopathologic investigation. *Ophthalmology* 1993;100:15-23.
28. Keller CE, To K. Bleb leak with hypotony after laser suture lysis and trabeculectomy with Mitomycin C. *Arch Ophthalmol* 1993;111:427-428.
29. To K, Hofmann RJ, Jakobiec FA. Extensive squamous hyperplasia of the meibomian duct in acne rosacea. *Arch Ophthalmol* 1994;112:160-161.
30. To KW, Enzer YR, Tsiaras WG. Positive temporal artery biopsy after corticosteroid therapy. *Am J Ophthalmol* 1994;117:265-267.
31. Nagelberg HP, Petashnick DE, To KW, Woodcome HA., Jr. Group B streptococcal metastatic endophthalmitis. *Am J Ophthalmol* 1994;117:498-500.
32. Dorfman DM, To K, Dickerson GR, Rosenberg AE, Pilch BZ. Solitary fibrous tumor of the orbit. *Am J Surg Path* 1994;18:281-287.
33. To KW, Mukai S, Friedman AH. Association and chance occurrence of aniridia and retinoblastoma. *Am J Ophthalmol* 1994;118:820-823.
33. To KW, Adamian M, Jakobiec FA, Berson EL. Clinical and histopathologic features of clumped pigmentary retinal degeneration. *Invest Ophthalmol Vis Sci (suppl)* 1994;35:2159.
34. Smith EM, Munemasa KH, Howard, BA, Fast L, To KW. Subjective and objective comparison of the effects of fluorometholone acetate and ketorolac eyedrops on CD54 expression in patients with allergic conjunctivitis. *Invest Ophthalmol Vis Sci (suppl)* 1994;35:2216.
35. Dorfman DM, To KW, Dickerson GR, Rosenberg AE, Pilch BZ. Solitary fibrous tumor of the orbit. In: Stacey E. Mills, ed. *Year Book of Pathology and Clinical Pathology, 1995 Year Book*. Chicago: C V Mosby, 1994.
37. Ducharme J, To K. Exercise band-induced hyphema. *Arch Ophthalmol* 1995;113:142.
38. To K, Tsiaras WG, Thayer W. Rifabutin use in inflammatory bowel disease. *Arch Ophthalmol* 1995;113:1354.

39. To K, Ducharme J, Figueroa FX, Mudgil A, Thomas D, Tsiaras WG. Ophthalmic complications of systemic disease, *Rhode Island Medicine*, 1995;78:346-351.
40. Figueroa FX, To KW, Josephson S, Perlman EM. A new culture method for infectious corneal ulcers. *Invest Ophthalmol Vis Sci (suppl)* 1995;36:S43.
41. Petashnick DE, Smith EM, To KW. Levocabastine-induced mydriasis. *Invest Ophthalmol Vis Sci (suppl)* 1995;36:S160.
42. Smith EM, To KW, Tsiaras WG. Suture lysis using argon green, argon blue-green and krypton red lasers. *Invest Ophthalmol Vis Sci (suppl)* 1995;36:2611.
43. Ducharme JF, Figueroa FX, To KW, Tsiaras WG. Hospital consults to the ophthalmology service. *Invest Ophthalmol Vis Sci (suppl)* 1996;37:S1.
44. To KW, Adamian M, Berson EL. Histopathologic study of X-linked cone degeneration. *Invest Ophthalmol Vis Sci (suppl)* 1996;37:S496.
45. Figueroa FX, To KW, Migliori M. Capnocytophaga dacryocystitis. *Invest Ophthalmol Vis Sci (suppl)* 1996;37:S1022.
46. Perlman EM, Josephson S, To KW. Clinical experience with a new simplified method for culturing corneal ulcers. *Ophthalmology (suppl)* 1996;103:117.
47. Mudgil AV, To KW, Balachandran RM, Janigian RH, Tsiaras WG. Relative efficacy of the argon green, argon blue-green, and krypton red lasers for 10-0 nylon subconjunctival suture lysis. *Ophthalmology (suppl)* 1996;103:172.
48. To KW, Adamian M, Jakobiec FA, Berson EL. Clinical and histopathologic features in clumped pigmentary retinal degeneration, *Arch Ophthalmol* 1996; 114:950-955.
49. To K. Patient with massive proptosis, *Ophthalmology World News*, 1997;2:4-5.
50. To KW, Adamian FA, Jakobiec FA, Berson EL. Histopathologic and immunocytochemical study of dominant cone degeneration. *Invest Ophthalmol Vis Sci (suppl)* 1997;38:313.
51. Espaillat A, To K, Perlman E. Effects of collagen implants in the reduction of high astigmatism induced by penetrating keratoplasty. *Invest Ophthalmol Vis Sci (suppl)* 1998;39:S347.
52. To KW, Adamian M, Jakobiec FA, Berson EL. Histopathologic and immunohistochemical study of an autopsy eye with x-linked cone degeneration. *Arch Ophthalmol* 1998;116:100-103.
53. Espaillat A, To K. Optic Nerve Avulsion, *Arch Ophthalmol* 1998;116:540-541.
54. Smith EM, Dryden RM, Tabin GC, Thomas D, To KW, Hofmann RJ. Comparison of the effects of enucleation and orbital reconstruction using free fat and dermis grafts and porous polyethylene (MEDPOR®) implants in infant rabbits. *Ophthalmic Plastic & Reconst Surg* 1998;14:415-424.
55. To KW, Adamian M, Jakobiec FA, Berson EL. Histopathologic and immunohistochemical study of dominant cone degeneration. *Am J Ophthalmol* 1998;126:140-142.

56. Kozielec GF, To K. Penetrating eye injury from a metal wedge. *Ophthalmic Surg Lasers* 1999;30:59-60.
57. Espaillat AE, Janigian R Jr, To K. Cataracts, bilateral macular holes, and rhegmatogenous retinal detachment induced by lightning. *Am J Ophthalmol* 1999;127:216-217.
58. Mudgil AV, To KW, Balachandran RM, Janigian RH, Tsiaras WG. Relative efficacy of the argon green, argon blue-green, and krypton red lasers for 10.0 nylon subconjunctival laser suture lysis. *Ophthalmic Surg Lasers* 1999;30:560-564.
59. Espaillat AE, To K, Perlman E. Effects of collagen implants in the reduction of high astigmatism induced by penetrating keratoplasty. *J Cataract Refract Surg* 1999;25:1336-1340.
60. To K, Adamian M, Dryja TP, Berson EL. Retinal histopathology of an autopsy eye with advanced retinitis pigmentosa in a family with rhodopsin, GLU 181LYS. *Invest Ophthalmol Vis Sci (suppl)* 1999;40:445.
61. Adamian M, To K, Berson EL, Dryja TP. Histopathologic study of variation in severity of retinitis pigmentosa due to the dominant rhodopsin mutation PRO23HIS. *Invest Ophthalmol Vis Sci (suppl)* 2000;41:4706.
62. To K, Adamian M, Dryja TP, Berson EL. Retinal histopathology of an autopsy eye with advanced retinitis pigmentosa in a family with rhodopsin Glu181LYS. *Am J Ophthalmol* 2000;130:790-792.
63. To K, Murphy MA. Pneumocystis carinii choroiditis. *Rhode Island Medicine and Health:Images in Medicine*, 2002;85(4):133.
64. To K, Adamian M, Dryja TP, Berson EL. Histopathologic study of variation in severity of retinitis pigmentosa due to the dominant rhodopsin mutation PRO23His. *Am J Ophthalmol* 2002;134:290-293.
65. To K, Thirkill CE, Jakobiec FA, Lessell S, Berson EL. Lymphoma-associated retinopathy. *Ophthalmology* 2002;109:2149-2153
66. To K, Adamien M, Berson EL. Histologic study of retinitis pigmentosa due to a mutation in the RP13 gene (PRPC8): Comparison with rhodopsin Pro23His, Cys110Arg, and Glu181Lys. *Am J Ophthalmol* 2004;137: ..

## BOOK CHAPTERS

1. To K, Nadel AJ. Ophthalmological Complications In Hemoglobinopathies. In: Nagel RL, ed. *Hematology/Oncology Clinics of North America*. Philadelphia: WB.Saunders Company, Vol. 5, No. 3, pp. 535-548, 1991.
2. JF Collins, Obstbaum SA, Mackool RJ, To K. The Management of Cataracts. In: Collins JF, ed. *Ophthalmic Desk Reference*. New York: Raven Press, pp. 405-424, 1991.
3. Park S, To K, Friedman AH, Jakobiec FA. Infectious Causes of Posterior Uveitis. In: *Principles and Practice of Ophthalmology, Clinical Practice*. Philadelphia: WB Saunders Company, pp. 450-464, 1994.

4. To K, Abelson MB. Non-steroidal Anti-inflammatory Drugs. In: *Principles and Practice of Ophthalmology, Basic Sciences*. Philadelphia: WB Saunders Company, pp. 1022-1027, 1994.
5. To K, Jakobiec FA, Zimmerman LE. Sympathetic Ophthalmia. In: *Principles and Practice of Ophthalmology, Clinical Practice*. Philadelphia: WB Saunders Company, pp. 496-502, 1994.
6. Obstbaum SA, To KW, Galler EL. Lasers in Cataract Surgery. In: Karlin DB, ed. *Lasers in Ophthalmic Surgery*, Cambridge: Blackwell Scientific, Inc, pp. 80-91, 1995.
7. To K, Rankin GA, Jakobiec FA, Hidayat AA. Intraocular Lymphoproliferations Simulating Uveitis. In: *Principles and Practice of Ophthalmology, 2nd edition*. Philadelphia: WB Saunders Company, pp. 1315-1338, 1999.
8. To K, Abelson MB, Neufeld A. Nonsteroidal Anti-Inflammatory Drugs. In: *Principles and Practice of Ophthalmology, Basic Sciences, 2nd edition*. Philadelphia: WB Saunders Company, pp. 300-305, 1999.
9. Jakobiec FA, To K. Sebaceous Tumors of the Ocular Adnexa. In: *Principles and Practice of Ophthalmology, Clinical Practice, 2nd edition*. Philadelphia: WB Saunders Company, pp. 3382-3405, 1999.
10. To K, Jakobiec FA, Zimmerman LE. Sympathetic Ophthalmia. In: *Principles and Practice of Ophthalmology, Clinical Practice, 2nd edition*. Philadelphia: WB Saunders Company, 1286-1293, 1999.
11. To, King. Ophthalmic Emergencies. In: *Primary Care for Women, 2nd edition*. Philadelphia Lippincott Williams & Wilkins, 784-787, 2004.

## ABSTRACTS

1. Puliafito CA, Destro M, To K, Dobi E. Dye enhanced photocoagulation. Invest Ophthalmol Vis Sci (suppl) 1988;29: 414.
2. To K, Mukai S, Friedman AH. Aniridia and retinoblastoma: A possible association? Invest Ophthalmol Vis Sci (suppl) 1990;31: 584.
3. Nadel AJ, To K, Friedman AH, Starr MB. Central retinal vein occlusion in acquired immune deficiency syndrome. Invest Ophthalmol Vis Sci (suppl) 1990;31:142.
4. Gorman BD, To K, DaSilva M, Cronin W, DiStefano D, Friedheim E. A new animal model for Acanthamoeba keratitis. Invest Ophthalmol Vis Sci (suppl) 1990;31: 419.
5. Jakobiec FA, To K. Corneal epithelial dysmaturation. Invest Ophthalmol Vis Sci (suppl) 1991;32:1075.
6. To K, Adamian M, Jakobiec FA, Berson EL. Olivopontocerebellar atrophy with retinal degeneration: An ophthalmologic investigation of three generations. Invest Ophthalmol Vis Sci (suppl) 1991;32:1139.
7. Diesenhouse MC, Palay DA, To K, Newman NJ, Albert DM. Acquired heterochromia with Horner's syndrome in two adults. Abstract in North America Neuro-Ophthalmology Society Meeting 1991 and 95th Annual Meeting of the American Academy of Ophthalmology (Ophthalmology Suppl 1991;98:114).
8. To K, Adamian M, Berson EL. Histopathologic findings in three carriers of choroideremia. Invest Ophthalmol Vis Sci (suppl) 1992;33:1067.

8. Keller CE, To K. Bleb leak with hypotony after laser suture lysis and trabeculectomy with Mitomycin C. (Letter to Editor) *Arch Ophthalmol* 1993;111:427-428.
10. Janigian RH, Tsiaras WG, To K. Central retinal artery occlusion after external carotid artery embolization. *Ophthalmology* (suppl) 1993;100:142.
11. To KW, Adamian M, Jakobiec FA, Berson EL. Clinical and histopathologic features of clumped pigmentary retinal degeneration. *Invest Ophthalmol Vis Sci* (suppl) 1994;35:2159.
12. Smith EM, Munemasa KH, Howard, BA, Fast L, To KW. Subjective and objective comparison of the effects of fluorometholone acetate and ketorolac eyedrops on CD54 expression in patients with allergic conjunctivitis. *Invest Ophthalmol Vis Sci* (suppl) 1994;35:2216.
13. Dorfman DM, To KW, Dickerson GR, Rosenberg AE, Pilch BZ. Solitary fibrous tumor of the orbit. In: Stacey E. Mills, ed. *Year Book of Pathology and Clinical Pathology, 1995 Year Book*. Chicago: C V Mosby, 1994.
14. Dorfman DM, To KW, Dickerson GR, Rosenberg AE, Pilch BZ. Solitary fibrous tumor of the orbit. *Am J Surg Path* 18(3):281-187:1994.
15. Nagelberg HP, Petashnick DE, To KW, Woodcome HA Jr. Group B streptococcal metastatic endophthalmitis. *Am J Ophthalmol* 117:4, 1994.
16. Figueroa FX, To KW, Josephson S, Perlman EM. A new culture method for infectious corneal ulcers. *Invest Ophthalmol Vis Sci* (Suppl) 1995;36:S43.
17. Petashnick DE, Smith EM, To KW. Levocabastine-induced mydriasis. *Invest Ophthalmol Vis Sci* (Suppl) 1995;36:S160.
18. Smith EM, To KW, Tsiaras WG. Suture lysis using argon green, argon blue-green and krypton red lasers. *Invest Ophthalmol Vis Sci* (Suppl) 1995;36:2611.
19. Ducharme JF, Figueroa FX, To KW, Tsiaras WG. Hospital consults to the ophthalmology service. *Invest Ophthalmol Vis Sci*, 1996;37 (#3):S1.
20. To KW, Adamian M, Berson EL. Histopathologic study of X-linked cone degeneration. *Invest Ophthalmol Vis Sci*, 1996;37 (#3):S496.
21. Figueroa FX, To KW, Migliori M. Capnocytophaga dacryocystitis. *Invest Ophthalmol Vis Sci*, 1996;37 (#3):S1022.
22. Perlman EM, Josephson S, To KW. Clinical experience with a new simplified method for culturing corneal ulcers. *Ophthalmology* 1996;103(#9A):117.
23. Mudgil AV, To KW, Balachandran RM, Janigian RH, Tsiaras WG. Relative efficacy of the argon green, argon blue-green, and krypton red lasers for 10-0 nylon subconjunctival suture lysis. *Ophthalmology* 1996;103(#9A):172.
24. To KW, Adamian FA, Jakobiec FA, Berson EL. Histopathologic and immunocytochemical study of dominant cone degeneration. *Invest Ophthalmol Vis Sci*, 1997;38(#4):S313.
25. Espaillat A, To K, Perlman E. Effects of collagen implants in the reduction of high astigmatism induced by penetrating keratoplasty. *Invest Ophthalmol Vis Sci*, 1998;39(4):S347.



26. To K, Adamian M, Dryja TP, Berson EL. Retinal histopathology of an autopsy eye with advanced retinitis pigmentosa in a family with rhodopsin, GLU 181LYS. Invest Ophthalmol Vis Sci (Suppl) 1999;40:(#4), S445.
26. Adamian M, To K, Berson EL, Dryja TP. Histopathologic study of variation in severity of retinitis pigmentosa due to the dominant rhodopsin mutation PRO23HIS. Invest Ophthalmol Vis Sci (suppl) 2000;41:4706.

## INVITED PRESENTATIONS

Dye-Enhanced Laser Photocoagulation, First place award for research paper at the Pan American Congress of Ophthalmology, Rio de Janeiro, September 11, 1990.

Histiocytosis X, Oncology Conference, Massachusetts Eye and Ear Infirmary, Boston, MA, July 18, 1990.

Pigmented Conjunctival Lesions, Oncology Conference, Massachusetts Eye and Ear Infirmary, Boston, MA, September 19, 1990.

Neoplasms of the Lacrimal Gland, Oncology Conference, Massachusetts Eye and Ear Infirmary, Boston, MA, November 21, 1990.

Pigmented Eyelid Lesions, Oncology Conference, Massachusetts Eye and Ear Infirmary, Boston, MA, January 16, 1991.

Advances in Ocular Drug Therapy, Massachusetts Eye and Ear Infirmary, Boston, MA, March 9, 1991.

Sebaceous Cell Carcinoma, Oncology Conference, Massachusetts Eye and Ear Infirmary, Boston, MA, March 23, 1991.

Retinoblastoma, Oncology Conference, Massachusetts Eye and Ear Infirmary, Boston, MA, May 15, 1991.

Neoplasms of the Iris, Ophthalmology Grand Rounds, Lenox Hill Hospital, New York City, NY, May 16, 1991.

Pathology of Corneal Dystrophies, Rhode Island Hospital, Providence, RI, October 10, 1991.

Ophthalmic Manifestations of Systemic Diseases, Family Medicine Grand Rounds, Pawtucket Memorial Hospital, Pawtucket, RI, August 8, 1991.

Allergic Disorders of the Eye, Allergy/Immunology Grand Rounds, Rhode Island Hospital, Providence, RI, February 4, 1992.

Orbital Leukemia, Medical Grand Rounds, Rhode Island Hospital, Providence, RI, February 19, 1992.

Ophthalmology for the Internist, Rhode Island Hospital, Providence, RI, March 20, 1992.

Diabetic and Hypertensive Retinopathy, Veterans Administration Hospital, Providence, RI, May 15, 1992.

Conjunctival Neoplasms, Ophthalmology Grand Rounds, Lenox Hill Hospital, New York, NY, May 21, 1992.

Tumors of the Orbit, Rhode Island Hospital, Providence, RI, June 5, 1992.

Ophthalmic Emergencies for the Pediatrician, Rhode Island Hospital, Providence, RI, June 9, 1992.

Ophthalmic Manifestations of System Diseases, Internal Medicine Grand Rounds, Rhode Island Hospital, Providence, RI, August 19, 1992.

Ophthalmic Manifestations of Leukemia, Veterans Administration Hospital, Providence, RI, August 30, 1992.

Management of Ocular Trauma, Rhode Island Hospital, Providence, RI, October 22, 1992.

Fundamentals of Ophthalmic Surgery, New England Eye Center, Tufts University School of Medicine, Boston, MA, November 21, 1992.

Ophthalmic Emergencies, presented at Emergency Medicine Grand Rounds, Providence, RI, December 3, 1992.

Ophthalmic Manifestations of Rheumatologic Diseases, Rheumatology Grand Rounds, Roger Williams General Hospital, Providence, RI, December 11, 1992.

Management of the Red Eye, Veterans Administration Hospital, Providence, RI, December 16, 1992.

Pigmentary Glaucoma, Rhode Island Hospital, Providence, RI, February 11, 1993.

Recognizing Ophthalmic Emergencies for the ER Nursing Staff, Rhode Island Hospital, Providence, RI, March 11, 1993.

Neoplasms of the Iris, lecture as part of the Current Concepts in Ocular Oncology Symposium, Lenox Hill Hospital, New York City, NY, April 30, 1993.

Pathology of Retinal Degenerations, Massachusetts Eye and Ear Infirmary, Boston, MA, July 7, 1993.

Central Retinal Artery Occlusion, Annual American Academy of Ophthalmology Meeting, Chicago, IL, November 16, 1993.

The Secondary Glaucomas, Rhode Island Hospital, Providence, RI, March 10, 1994.

OKAP Review, Rhode Island Hospital, Providence, RI, April 12, 1994.

Essentials of Ophthalmic Pathology, Ophthalmology Board Review Course, Tufts University School of Medicine, Boston, MA, April 13, 1994.

Intraocular Tumors, Rhode Island Hospital, Providence, RI, April 27, 1994.

Retinal Degenerative Disease, Association for Research and Vision and Ophthalmology, Annual Meeting, Sarasota, FL, May 6, 1994.

Essentials of Cataract Surgery, Part I, Rhode Island Hospital, Providence, RI, May 18, 1994.

History of Intraocular Lenses, Rhode Island Hospital, Providence, RI, May 25, 1994.

Essentials of Cataract Surgery, Part II, Rhode Island Hospital, Providence, RI, June 1, 1994.

Pathology of Choroidal Melanomas, Pathology Seminar, Rhode Island Hospital, Providence, RI, June 9, 1994.

Ophthalmic Manifestations of Sickle Cell Anemia, VA Medical Center, Providence, RI, June 9, 1994.

Tumors of the Conjunctiva, OKAP Review, Rhode Island Hospital, Providence, RI, June 15, 1994.

Orbital Cellulitis, Rhode Island Hospital, Providence, RI, July 2, 1994.

Primary Acquired Melanosis of the Conjunctiva, Rhode Island Hospital, Providence, RI, July 22, 1994.

Nonsteroidal Anti-Inflammatory Drugs (NSAIDs) in Ophthalmology, Rhode Island Hospital, Providence, RI, August 25, 1994.

Infectious Keratitis, Rhode Island Hospital, Providence, RI, August 26, 1994.

Orbital Angiolipoma, Eastern Ophthalmic Pathology Society, Boston, MA, October 7, 1994.

Intraocular Lenses - Part I-History and Design of Intraocular Lenses, Part II-Selection of Intraocular Lens Power, Rhode Island Hospital, Providence, RI, September 26, 1995.

Heterochromia, Rhode Island Hospital, Providence, RI, January 18, 1995.

Laser Tissue Interaction in the Eye, Rhode Island Hospital, Providence, RI, February 10, 1995.

Pathology of Eyelid Lesions, Dermatology Grand Rounds, Roger Williams General Hospital, Providence, RI, February 16, 1995.

Ophthalmic Emergencies, Rhode Island Hospital, Providence, RI, August 5, 1996.

Clinical Vignettes on the Red Eye, Glaucoma and Retinal Changes of Diabetes, Internal Medicine Grand Rounds, Rhode Island Hospital, Providence, RI, September 10, 1996.

Iris Tumors, Rhode Island Optometric Association, Warwick, RI, October 30, 1996.

Sebaceous Cell Carcinoma and Pigmented Lesions of the Conjunctiva, Kent County Hospital, January 28, 1997.

Overview and Update on Ophthalmic Pathology, Department of Ophthalmology, Tufts University, Boston, MA., April 2, 1997

Hereditary Retinal Degeneration, Annual Research in Vision and Ophthalmology Meeting, Ft. Lauderdale, Florida, May 12, 1997.

Ophthalmic Manifestations of Rheumatic Diseases, Rheumatology Grand Rounds, Roger Williams General Hospital, Providence, RI, November 21, 1997.

Ophthalmic Pathology Review, Rhode Island Hospital, Providence, RI, March 25, 1998.

Ophthalmic Emergencies, Internal Medicine Grand Rounds, Rhode Island Hospital, April 14, 1998.

Ophthalmic Topics of Interest to the General Surgeon/Ophthalmic Concerns in the Trauma Patient/Ophthalmic Complications in the Surgery Patient, Surgical Grand Rounds, VAMC, Providence, RI, February 17, 1999.

## GRANTS

Co-investigator, 1991-2003, Center Grant for the study of retinal diseases (Berman-Gund Laboratory at Harvard Medical School) from the Foundation Fighting Blindness, Baltimore, Maryland.

## UNIVERSITY/HOSPITAL TEACHING ROLES

Ophthalmology Lecturer for medical students in Internal Medicine Clerkship, Rhode Island Hospital, 1991- present  
Ophthalmology Lecturer for medical students in Surgery Clerkship, Rhode Island Hospital, 1991- present  
Director of Ophthalmology Clinical Elective for medical students and residents, 1991- 2002  
Director of Medical Education and Residency Training, Department of Ophthalmology, Rhode Island Hospital, 1991- 2002  
Ophthalmology Lecturer for family medicine residents, Pawtucket Memorial Hospital, 1991-1994  
Ophthalmic Pathology Lecturer for pathology residents, Rhode Island Hospital, 1991- 1998  
Coordinator of Teaching Slide Exchange Program for American Association of Ophthalmic Pathologists, 1994-1999

## SCIENTIFIC REVIEWER

Archives of Ophthalmology, 1994- Present  
Ophthalmology, 1996- Present  
Ophthalmic Surgery and Lasers, 1997-Present  
International Journal of Anatomy, Embryology and Cell Biology, 1998-Present  
Ophthalmic Practice, 1999-Present

