

CURRICULUM VITAE

A. PERSONAL INFORMATION

Name in Full: Peter John McDonnell, III, M.D.
Business Address: The Johns Hopkins University School of Medicine
The Wilmer Ophthalmological Institute
727 Maumenee Building
600 North Wolfe Street
Baltimore, Maryland 21287-9278
Business telephone: (443) 287-1511
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Date of Birth: March 27, 1958
Place of Birth: Patterson, New Jersey
Citizenship: United States
Marital Status: Married
Spouse's Name: Jan Menefee McDonnell, M.D.
Number of Children: 3

B. EDUCATION

High School: Christian Brothers Academy, Lincroft, New Jersey, 1975
College/University: Dartmouth College, Hanover, New Hampshire, B.A., Chemistry, 1978
Summa Cum Laude
Medical School: Johns Hopkins School of Medicine, Baltimore, Maryland, Sept 1978-
June 1982
Internship: Johns Hopkins Hospital, Baltimore, Maryland
July 1982-June 1983, Pathology, Emergency Medicine
Residency: Wilmer Ophthalmological Institute,
Johns Hopkins Hospital, Baltimore, Maryland
July 1983-June 1986, Ophthalmology
Fellowship: USC/Doheny Eye Institute, Los Angeles, California July 1986-June
1987, Cornea and External Diseases
Postgraduate: UCLA Executive Program in Management, Anderson Graduate School
of Management, Los Angeles, 1995-1996
Honor Societies: Phi Beta Kappa, 1978
Alpha Omega Alpha, 1982
Licensure
Maryland D32655 Issued August 08, 1985
California G57067 Issued April 21, 1986
New Jersey MA 61513 Issued November 10, 1994
DEA # BM0440634
Board Certification: American Board of Ophthalmology, May 14, 1988

C. PROFESSIONAL BACKGROUND

Academic Appointments

- ◆ Fellow of Heed Ophthalmic Foundation, July 1986-June 1987
- ◆ F-32 Fellowship Research Grant from National Eye Institute, July 1986-June 1987
- ◆ Clinical Instructor in Ophthalmology, University of Southern California, July 1986-June 1987
- ◆ Chief Resident/Assistant Chief of Service, Wilmer Ophthalmological Institute, Johns Hopkins Hospital, July 1987-December 1987
- ◆ Corneal Surgeon, Collaborative Corneal Transplantation Study, 1988-present
- ◆ Assistant Professor of Ophthalmology, University of Southern California, Los Angeles, January 1988-June 1990
- ◆ Associate Professor of Ophthalmology, University of Southern California, Los Angeles, July 1990-June 1994
- ◆ Professor of Ophthalmology, University of Southern California, Los Angeles July 1994-present
- ◆ Irving H. Leopold Professor and Chair, Department of Ophthalmology, University of California, Irvine, January 1999-2003
- ◆ Director and William Holland Wilmer Professor of Ophthalmology, The Wilmer Ophthalmological Institute, The Johns Hopkins University School of Medicine, Baltimore Maryland July 2003

National Committees

- ◆ American Academy of Ophthalmology
- ◆ Ophthalmic Knowledge Assessment Program (OKAP) Committee, 1990-1992
- ◆ Co-Chairman, Excimer Laser Special Interest Group, 1990-1994
- ◆ Laser Surgery Task Force, 1992-1994
- ◆ Program Advisory Committee, 1993-1994
- ◆ Chairman, Executive Committee, Refractive Surgery Special Interest Group, 1994-2000
- ◆ Ophthalmology World News, Board of Contributing Editors, 1994-1999
- ◆ Subspecialty Day Committee, 1997-2001
- ◆ Committee for Ophthalmic Technology Development, 2000 – present
- ◆ Committee for Research, Regulatory and External Scientific Relations 2001-present
- ◆ International Society of Refractive Surgery 1988-present
- ◆ International Society of Refractive Surgery Long Range Planning Committee, 1989-1994
- ◆ International Society of Refractive Surgery Program Committee, 1993-1994
- ◆ Editor - *"In Focus"* newsletter 1991-1993
- ◆ International Society of Refractive Surgery Board of Directors, 1992-1993
- ◆ Associate Chair: Excimer Laser PRK/Refractive Surgery Position Statements Committee, 1995-1997
- ◆ Chair, Medicolegal Experts Program Committee 1995-1997

- ◆ ASCRS, Young Physicians and Residents Special Interest Group, Exec. Comm. 2000-present
- ◆ Research to Prevent Blindness, Ad Hoc Committee, Grant Review, Fall 2000 to present
- ◆ Consultant to the Agency for Health Care Policy and Research, Dr. Denis M. O'Day, Chairman 1996
- ◆ National Medical & Scientific Advisory Committee, Tissue Bank International (TBI) 2001-present
- ◆ Chief Medical Editor, *Ophthalmology Times* 2004-present
- ◆ Scientific Advisory Committee, Alcon Research Institute 2006-present
- ◆ AAO Young Ophthalmology Survey Task Force – Chair Person 1/1/07-12/31/07

State Committees

Scientific Advisory Committee, California Academy of Ophthalmology (CAO)
1999-2003

Military service

None

Other employment or activity

None

D. HONORS AND AWARDS

- 1991 Honor Award, American Academy of Ophthalmology
- 1993 Lans Memorial Lectureship, CLAO Meeting, Las Vegas, Nevada, January 14
- 1993 Research to Prevent Blindness William and Mary Greve International Research Scholar
- 1993 CIBA Vision Ophthalmics. Research Excellence Award
- 1994 CIBA Vision Ophthalmics. Research Excellence Award
- 1994 *The Best Doctors in America* (1994-95), honored by Woodward/White, Inc
- 1996 *Best Ophthalmologists in America*, honored by *Ophthalmology Times*
- 1996 *The Best Doctors in America: Pacific Region* 1996-97, honored by Woodward/White, Inc.
- 1996 *Best Doctors in Los Angeles*, honored by Los Angeles Magazine
- 1997 Troutman-Véronneau Prize, Pan-American Association of Ophthalmology
- 1999 Summit Technology: Pioneer in Refractive Surgery, LASIK Institute, Quarterly Review, ASCRS, Seattle, Washington
- 2000 Ocular Dry & Surgical Update Award of Appreciation, Laguna Niguel, CA
- 2001 ASCRS Young Physician & Research Clinician Committee
- 2001 American Academy of Ophthalmology Senior Achievement Award
- 2001 George L. Tabor, M.D. Award for “Outstanding Contributions in Ophthalmology”, July 28, 2001, San Diego Eye Bank
- 2001 Certificate of Appreciation, EyeCare America 2001 Volunteer “for voluntary services in providing eye care to the nation’s public”, The Foundation of The American Academy of Ophthalmology.
- 2003 *Best Doctors in America* 2003-2004
- 2003 Alcon Research Institute Award
- 2005 Society of Heed Fellows Award
- 2006 Young Ophthalmologist Survey Task Force Chair Person 2006-2007.

- 2006 Top Fifty Opinion Leaders in 2006 – Cataract & Refractive Surgery Today.
2006 Visiting Professor of Zhong Shan Ophthalmic Center at Sun Yat-sen University - March, 2006-February 2009.
2006 Guest of Honor – Chinese American Ophthalmological Society – 20th Annual Banquet November 2006
2007 America's Top Ophthalmologists – Guide to America's Top Ophthalmologists

E. SOCIETY MEMBERSHIPS

Local

Los Angeles Ophthalmological Society, 1988-present
Max Fine Corneal Society (formerly California Cornea Club), 1988-present
California Medical Association, 1988-present
Orange County Society of Ophthalmology 1999-present

National

Diplomate of the National Board of Medical Examiners, 1983
American Academy of Ophthalmology, 1983-present
Association for Research in Vision and Ophthalmology, 1983-present
American Medical Association, 1988-present
American Society of Cataract and Refractive Surgery (ASCRS) and American Society of Ophthalmic Administrators 1990-present
American University Professors Ophthalmology 1999-present
Castroviejo Cornea Society, 1989-1995
Refractive Surgery Interest Group, 1994-present
Maryland Society of Eye Physicians & Surgeons, 2002 – present
Research to Prevent Blindness, 2004 – present
Houston Ophthalmological Society, 1994

International

International Society of Refractive Surgery 1988-present
(formerly International Society of Refractive Keratoplasty)
Pan-American Association of Ophthalmology 1996-present

F. EDITORIAL BOARD EXPERIENCE

Member, Editorial Board of *Archives of Ophthalmology*. August 1, 1994 – 2004
Member, Editorial Board of *Journal of Cataract & Refractive Surgery*. February 1995 - present.
Member, Editorial Board of the *Journal of Refractive Surgery* (formerly Refractive and Corneal Surgery). 1991 – present
Member, Editorial Board of Case Studies with the Masters, Ophthalmic Surgery, 1996, Mosby's CD Rom Series. June 1996 – present
Chief Medical Editor, *Therapeutic Updates in Ophthalmology*. 1997 – present

Member, Editorial Board of Clinical Signs in Ophthalmology. 1998 – present
Member, Editorial Advisory Board of EyeNet Magazine, 2000-present
Consultant, Consumer Reports On Health, March 2002
Member, EYENET Editorial Advisory Board, American Academy of Ophthalmology
2003
Chief Medical Editor, *Ophthalmology Times* 2004 - present

G. RESEARCH ACTIVITIES

Major Areas of Research Interest

Refractive error: pathogenesis, impact on quality of life, and surgical correction
Corneal wound healing
Microbial keratitis

Research in Progress

Ocular biomechanics
Gene therapy in corneal wound healing
Experimental microbial keratitis
Vision-targeted, health –related quality of life

Research Grants

Current Active Support

- NIH –National Eye Institute, “Laser Spectroscopy of the Cornea”, Principal Investigator, 2001-2006
- Alcon Research, Ltd, “Input regarding their research programs in the fields of ophthalmic pharmaceuticals and surgical devices”, 2004-2006
- NIH-National Eye Institute, 1R03 EY14432-01; “Femtosecond Laser Vitreous Photodisruption”, Principal Investigator, 10% effort, \$300,000. 2003-2006
- National Eye Institute – Core Grant for vision research – 2004-2005
- Research to Prevent Blindness – Unrestricted grant of help finance dept. research activities – 2004-2006

National Eye Institute (NEI) Grants

Completed Support

- National Eye Institute National Research Service Award, F-32 EYO5941-01; "Prevention of Capsule Opacification After Cataract Surgery." \$32,000 July 1, 1986 to June 30, 1987
- National Eye Institute, EYO3765-08; "Prospective Evaluation of Radial Keratotomy." Principal investigator, 10% effort. \$484,171, February 1988 to December, 1989
- National Eye Institute, EYO6496-03; "Collaborative Corneal Transplantation Studies." Co-investigator, 5% effort. \$678,007. September 30, 1988 to September 29, 1992
- National Eye Institute, EYO8269; "Human Papillomavirus in Conjunctival Squamous Dysplasia and Carcinoma." Co-investigator, 10% effort. 1990-1994
- National Eye Institute, EYO9417-02; "Experiment in Adenovirus Eye Disease." Co-

- investigator, 10% effort. \$87,000, August 1, 1992 to July 31, 1993
- Subcontract under NIH grant 5U10 EY03761-13 from Emory University, "Prospective Evaluation of Radial Keratotomy." Principal investigator, 5% effort. \$79,512, March 1, 1992 to February 28, 1994
 - National Eye Institute, 5U10EYO3761-13; National Director, PERK Study, September 1992 to August 1994, 5% effort
 - National Eye Institute, EYO6496-07; "Collaborative Corneal Transplantation Studies." Co investigator, 5% effort, 1993-1995
 - National Eye Institute, 2R01 EYO 8889-04A1; "Human Papillomavirus in Conjunctival Squamous Dysplasia". Co-investigator. \$389,000, 1994-1996
 - National Eye Institute, EYO3765-09; "Prospective Evaluation of Radial Keratotomy." Principal investigator, 10% effort, 1993-1994
 - NIH-National Eye Institute, 1R01 EY10335-01A1; "Biomechanical Characterization of the Primate Cornea." Principal Investigator, 20% effort. \$144,885. 1996-1999
 - National Eye Institute, "Real Time Automated Corneal Topographer STTR Phase I Principal Investigator. \$30,343.00. 1998.
 - National Eye Institute, "Development of Refractive Error Correction Questionnaire", Principal Investigator and National Study Chairman, 25%; \$212,453, subcontract through EMMES Corporation. Total study direct costs \$1.2 million.1998-2001.

Other Funding

Private Foundations

- The Autry Foundation, Los Angeles, CA. "Laser Corneal Surgery." Principal Investigator, \$100,000 awarded 1990-1991; additional \$50,000 awarded 1991-1992.
- The Doheny Foundation, Los Angeles, CA. "Corneal Biomechanics." Principal Investigator, \$200,000 awarded 1992.
- Research to Prevent Blindness, Inc., William and Mary Greve International Research Scholar. \$50,000 awarded 1993-1995.
- The Hoover Foundation, Los Angeles, CA. "Multiphasic Biophysics of the Human Cornea for Refractive Surgery". Principal Investigator. \$400,000 awarded 1996.
- Dumont Foundation, Los Angeles, CA. "Refractive Surgery Center". \$750,000 awarded 1997.
- Ahmanson Foundation, Los Angeles, CA. "Biomechanical Characterization of Myopia." \$400,000 awarded 1998.
- Gibson Foundation, Los Angeles, CA. "Gene Therapy for Corneal Wound Healing" \$2.75 million.
- National Eye Institute, Bethesda, MD. "P-30 Core Grant for Vision Research" \$817,500

Biomedical Research Support Grant, University of Southern California Department of Ophthalmology

- "Stress Distribution in the Human Cornea," Principal Investigator, \$5,000, awarded December 1988
- "An Animal Model of Neurotrophic Keratitis," Principal Investigator, \$4,200, awarded April 1989
- "Gene Linkage Analysis in Keratoconus," Principal Investigator, \$4,200 awarded

August 1989

H. PATENTS ISSUED

- Laser Shaping of Ocular Surfaces Using Collagen Gel, U.S. Patent and Trademark Serial No. 07/850, 726;1993.
- Laser Shaping of Ocular Surfaces Using Ablation mask formed in Situ. Patent and Trademark Serial No. 5-279-611; 1994
- Topical Compositions for the Eye Composing a Beta-cyclodextrin derivative and a Therapeutic Agent. U.S. Patent and Trademark, Serial No. 5,418,225; 1995.
- Method for Preventing Keratocyte Loss. U.S. Patent and Trademark Serial No. 5,728,405; 1998.
- Apparatus and method for performing laser thermal keratoplasty with minimized regression. U.S. Patent Serial No. 6,033,396: Huang D., McDonnell PJ. March 2000.
- Ophthalmic Drug Pumps. U.S. Patent No. _____, 2006

REPORT OF INVENTION

2005	Device to Provide Longterm Delivery of Pressure-lowering agents to the Eye.
2005	Stimulator Device to Aid Accommodation
2005	Stimulator Device to Lower Intraocular Pressure

PUBLICATIONS

Peer Review Journals

1. Pantoliano MW, McDonnell PJ, Valentine JS: Reversible loss of metal ions from the zinc binding site of copper-zinc superoxide dismutase. The low pH transition. J Am Chem Soc 101:6454-6456, 1979.
2. Valentine JS, Pantoliano MW, McDonnell PJ, Burger AR, Lippard SJ: pH-dependent migration of copper (II) to the vacant zinc-binding site of zinc-free bovine erythrocyte superoxide dismutase. Proc Natl Acad Sci (USA) 76:4245-4249, 1979.
3. McDonnell PJ, Becker LC, Bulkley BH: Thallium imaging in cardiac lymphoma. Am Heart J 101:809-814, 1981
4. McDonnell PJ, Summer WR, Hutchins GM: Pulmonary veno-occlusive disease: Morphological changes suggesting a viral cause. JAMA 246:667-671, 1981.
5. McDonnell PJ, Mann RB, Bulkley BH: Involvement of the heart by malignant lymphoma: A clinicopathologic study. Cancer 49:944-951, 1982.
6. McDonnell PJ, Fine SL, Hillis AI: Clinical features of idiopathic macular cysts and holes. Am J Ophthalmol 93:777-786, 1982.
7. McDonnell PJ, Toye PA, Hutchins GM: Primary pulmonary hypertension and cirrhosis: Are they related? Am Rev Respir Dis 127:437-442, 1983.
8. McDonnell PJ, Green WR, Maumenee AE, Iliff WJ: Pathology of intraocular lenses in 33 eyes examined postmortem. Ophthalmology 90:386-403, 1983.
9. McDonnell P, Miller NR: Chiasmatic and hypothalamic extension of optic nerve glioma. Arch Ophthalmol 101:1412-1415, 1983.
10. McDonnell PJ, Flower RW, Green WR: Platelet-fibrin embolism in a rhesus macaque:

- Angiographic and pathologic studies comparing fluorescein and indocyanine green. *Am J Vet Res* 44:1385-1391, 1983.
11. McDonnell PJ, Zarbin MA, Green WR: Posterior capsule opacification in pseudophakic eyes. *Ophthalmology* 90:1548-1553, 1983.
 12. McDonnell PJ, Stark WJ, Green WR: Posterior capsule opacification: A specular microscopic study. *Ophthalmology* 91:853-856, 1984.
 13. Budin RE, McDonnell PJ: Renal cell neoplasms: Their relationship to arteriolonephrosclerosis. *Arch Pathol Lab Med* 108:138-140, 1984.
 14. McDonnell PJ, Hutchins GM, Hruban RH, Brown, CG: Hemorrhage from gastric mucosal tears complicating cardiopulmonary resuscitation. *Ann Emerg Med* 13:230-233, 1984.
 15. McDonnell PJ, Qualman SJ, Hutchins GM: Bilateral hydrothorax as a life-threatening complication of central venous hyperalimentation. *Surg Gynecol Obstet* 158:577-57, 1984
 16. Green WR, McDonnell PJ, Yeo JH: Pathologic features of senile macular degeneration. *Ophthalmology* 92:615-627, 1985.
 17. McDonnell PJ, McDonnell JM, Brown RH, Green WR: Ocular involvement in patients with fungal infections. *Ophthalmology* 92:706-709, 1985.
 18. McDonnell PJ, Fagadau WR, Green WR, Patz A, Stark WJ, Yeo JH: Argon laser debridement of the posterior capsule: A potential treatment for posterior capsule opacification after extracapsular cataract surgery. *Ophthalmic Surg* 16:549-551, 1985.
 19. McDonnell PJ, Patel A, Green WR: Comparison of intracapsular and extracapsular cataract surgery: Histopathologic study of eyes obtained postmortem. *Ophthalmology* 92:1208-1225, 1985.
 20. McDonnell PJ, Green WR, Stevens RE, Barger CB, Riquelme JL: Blood staining of the cornea: Light microscopic and ultrastructural features. *Ophthalmology* 92:1668-1674, 1985.
 21. McDonnell PJ, Werblin TP, Sigler L, Green WR: Mycotic keratitis due to *Beauveria alba*. *Cornea* 3:213-216, 1984/1985.
 22. McDonnell PJ, Green WR: Pathologic studies of pseudophakic eyes. *Geriatric Ophthalmol* 1(1):18-26, 52, 1985.
 23. McDonnell PJ, Quigley HA, Maumenee AE, Stark WJ, Hutchins GM: The Honan intraocular pressure reducer: An experimental study. *Arch Ophthalmol* 103:422-425, 1985
 24. McDonnell PJ, Rowen SL, Glaser BM, Sato M: Posterior capsule opacification: An in vitro model. *Arch Ophthalmol* 103:1378-1381, 1985.
 25. Champion R, McDonnell PJ, Green WR: Intraocular lenses: Histopathologic characteristics of a large series of autopsy eyes. *Surv Ophthalmol* 30:1-32, 1985.
 26. McDonnell PJ, Kivlin JD, Maumenee IH, Green WR: Fundus flavimaculatus without maculopathy: A clinicopathologic study. *Ophthalmology* 93:116-119, 1986.
 27. McDonnell PJ, de la Cruz ZC, Green WR: Vitreous incarceration complicating cataract surgery: A light and electron microscopy study. *Ophthalmology* 93:247-253, 1986.
 28. McDonnell PJ, Moore GW, Miller NR, Hutchins GM, Green WR: Temporal arteritis: A clinicopathologic study. *Ophthalmology* 93:518-530, 1986.
 29. Schachat AP, Newsome DA, Miller E, McDonnell PJ, Green WR, LaFrance N: Tissue culture of human choroidal melanoma cells obtained by fine-needle aspiration biopsy. *Graefe's Arch Clin Exp Ophthalmol* 224:407-413, 1986.

30. McDonnell JM, McDonnell PJ, Mounts P, Wu TC, Green WR: Demonstration of papillomavirus capsid antigen in human conjunctival neoplasia. *Arch Ophthalmol* 104:1801-1805, 1986.
31. Naghashfar Z, McDonnell PJ, McDonnell JM, Green WR, Shah KV: Genital tract papillomavirus type 6 in recurrent conjunctival papilloma. *Arch Ophthalmol* 104:1814-1815, 1986.
32. Parker DL, McDonnell PJ, Barraquer J, Green WR: Pellucid marginal degeneration. *Cornea* 5:115-123, 1986.
33. McDonnell PJ, Quigley HA, Green WR: Effect of therapeutic ultrasound on intraocular lenses. *Ophthalmic Surg* 17:655-657, 1986.
34. Guyer DR, Barraquer J, McDonnell PJ, Green WR: Terrien's marginal degeneration: Clinicopathologic case reports. *Graefes Arch Clin Exp Ophthalmol* 225:19-27, 1987.
35. McDonnell PJ, Champion R, Green WR: Location and composition of haptics of posterior chamber intraocular lenses: Histopathologic study of postmortem eyes. *Ophthalmology* 94:136-142, 1987.
36. McDonnell PJ, Lean JS, Schanzlin DJ: Globe rupture from blunt trauma after hexagonal keratotomy. *Am J Ophthalmol* 103:241-242, 1987.
37. McDonnell PJ, McDonnell JM, Kessis T, Green WR, Shah KV: Detection of human papillomavirus type 6/11 DNA in conjunctival papillomas by in situ hybridization with radioactive probes. *Hum Pathol* 18:1115-1119, 1987.
38. McDonnell PJ, Schanzlin DJ: The use of sliding knots with mattress sutures in epikeratophakia surgery. *J Refract Surg* 3:168-169, 1987.
39. McDonnell PJ, Dietze T, Durrie DS, Schanzlin DJ: Surgical correction of aphakia: Intraocular lens implantation and epikeratophakia. *J Refract Surg* 3:209-214, 1987.
40. McDonnell PJ, Krause W, Glaser BM: In vitro inhibition of lens epithelial cell proliferation and migration. *Ophthalmic Surg* 19:25-30, 1988.
41. McDonnell PJ, Schanzlin DJ: Early changes in refractive error following radial keratotomy. *Arch Ophthalmol* 106:212-214, 1988
42. McDonnell PJ, Garbus J, Romero JL, Rao NA, Schanzlin DJ: Electrosurgical keratoplasty: Clinicopathologic correlation. *Arch Ophthalmol* 106:235-238, 1988.
43. McDonnell PJ, Robin JB, Schanzlin DJ, Minckler D, Baerveldt G, Heuer D, Smith RE: Molteno implant for control of glaucoma in eyes after penetrating keratoplasty. *Ophthalmology* 95:364-369, 1988.
44. McDonnell PJ, Schanzlin DJ, Rao NA: Immunoglobulin deposition in the cornea after application of autologous serum. *Arch Ophthalmol* 106:1423-1425, 1988.
45. McDonnell PJ, Garbus J, Lopez PF: Topographic analysis and visual acuity after radial keratotomy. *Am J Ophthalmol* 106:692-695, 1988.
46. McDonnell PJ, Caroline PJ, Salz J: Irregular astigmatism after radial and astigmatic keratotomy. *Am J Ophthalmol* 107:42-46, 1989.
47. McDonnell PJ, Garbus J: Corneal topographic changes after radial keratotomy. *Ophthalmology* 96:45-49, 1989.
48. McDonnell PJ: Recurrence of Mooren's ulcer after lamellar keratoplasty. *Cornea* 8:191-194, 1989.
49. McDonnell PJ, Fish LA, Garbus JJ: Persistence of Diurnal Fluctuation After Radial Keratotomy. *Refract Corneal Surg* 5:89-93, 1989.

50. McDonnell PJ, McClusky DJ, Garbus JJ: Corneal topography and fluctuating visual acuity after radial keratotomy. *Ophthalmology* 96:665-670, 1989.
51. Mohamadi P, McDonnell JM, Irvine JA, McDonnell PJ, Rao N, Smith RE: Changing indications for penetrating keratoplasty, 1984-1988. *Am J Ophthalmol* 107:550-552, 1989.
52. McDonnell JM, McDonnell PJ, Stout WC, Martin WJ: Human papilloma virus type 16 DNA in a recurrent squamous carcinoma of the eyelid. *Arch Ophthalmol* 107:1631-1634, 1989.
53. Rabinowitz YS, McDonnell PJ: Computer-assisted corneal topography in keratoconus. *Refract Corneal Surg* 5:400-408, 1989.
54. Schachat AP, McDonnell PJ, Petty BG, Jampel HD, Patel A, Wittpenn JR, Rapoza PA: Ophthalmology consultations at a large teaching hospital. *Metab Pediatr Syst Ophthalmol* 12:105-109, 1989.
55. Gritz DC, McDonnell PJ: Comparison of a computer-assisted laser pachometer with two ultrasonic pachometers in normal corneas. *Refract Corneal Surg* 6:9-14, 1990.
56. Rabinowitz YS, Garbus J, McDonnell PJ: Computer-assisted corneal topography in family members of patients with keratoconus. *Arch Ophthalmol* 108:365-371, 1990.
57. Oldenburg JB, Garbus J, McDonnell JM, McDonnell PJ: Conjunctival pterygia: Mechanism of corneal topographic changes. *Cornea* 9:200-204, 1990.
58. McDonnell PJ, Sadun AA: Acquired accommodative esotropia following overcorrection by myopic epikeratophakia. *Cornea* 9:354-356, 1990.
59. Bansal S, Salz JJ, Tenner A, Rao NA, McDonnell PJ: Clinicopathologic study of healing excimer laser radial excisions. *Refract Corneal Surg* 6:188-192, 1990.
60. Fish LA, Heuer DK, Baerveldt G, Minckler DS, McDonnell PJ: Molteno implantation for secondary glaucomas associated with advanced epithelial ingrowth. *Ophthalmology* 97:557-561, 1990.
61. Gritz DC, Lee TY, Kwitko S, McDonnell PJ: Topical anti-inflammatory agents in an animal model of microbial keratitis. *Arch Ophthalmol* 108:1001-1005, 1990.
62. McCluskey DJ, Villaseñor R, McDonnell PJ: Prospective topographic analysis in peripheral arcuate keratotomy for astigmatism. *Ophthalmic Surg* 21:464-471, 1990.
63. Hemenger RP, Tomlinson A, McDonnell PJ: Explanation for good visual acuity in uncorrected residual hyperopia and presbyopia after radial keratotomy. *Invest Ophthalmol Vis Sci* 31:1644-1646, 1990.
64. Oldenburg JB, Gritz DC, McDonnell PJ: Topical ultraviolet light-absorbing chromophore protects against experimental photokeratitis. *Arch Ophthalmol* 108:1142-1144, 1990.
65. Gritz DC, Lee TY, McDonnell PJ, Shih K, Baron N: Ultraviolet radiation for the sterilization of contact lenses. *CLAO J* 16:294-298, 1990.
66. McDonnell PJ: Current applications of the corneal modeling system. *Refract Corneal Surg* 7:87-91, 1991.
67. McDonnell PJ, Garbus JJ, Salz JJ: Excimer laser myopic photorefractive keratectomy after undercorrected radial keratotomy. *Refract Corneal Surg* 7:146-150, 1991.
68. McDonnell PJ: Consultation Section. *J Cataract Refract Surg* 17:229-231, 1991.
69. Frangieh GT, Kwitko S, McDonnell PJ: Prospective corneal topographic analysis in surgery for postkeratoplasty astigmatism. *Arch Ophthalmol* 109:506-510, 1991.

70. McDonnell PJ, Moreira H, Garbus J, Clapham TN, D'Arcy J, Munnerlyn CR: Photorefractive keratectomy to create toric ablations for correction of astigmatism. *Arch Ophthalmol* 109:710-713, 1991.
71. Kwitko S, Sawusch MR, McDonnell PJ, Gritz DC, Moreira H, Evensen D: Effect of extraocular muscle surgery on corneal topography. *Arch Ophthalmol* 109:873-878, 1991.
72. Sawusch MR, Wan WL, McDonnell PJ: Tissue addition theory of radial keratotomy: A geometric model. *J Cataract Refract Surg* 17:448-453, 1991.
73. McDonnell PJ, Kwitko S, McDonnell JM, Gritz D, Trousdale MD: Characterization of infectious crystalline keratitis caused by a human isolate of *Streptococcus mitis*. *Arch Ophthalmol* 109:1147-1151, 1991.
74. McDonnell PJ, Gritz DC, McDonnell JM, Zarbin MA: Fluorescence of blood-stained cornea. *Cornea* 10:445-449, 1991.
75. McDonnell PJ, Moreira H, Clapham TN, D'Arcy J, Munnerlyn CR: Photorefractive keratectomy for astigmatism: Initial clinical results. *Arch Ophthalmol* 109:1370-1373, 1991.
76. Sinbawy A, McDonnell PJ, Moreira H: Surface ultrastructure after excimer laser ablation: Expanding vs contracting apertures. *Arch Ophthalmol* 109:1531-1533, 1991.
77. Moreira H, McDonnell PJ, Fasano AP, Silverman DL, Coates TD, Sevanian A: Treatment of experimental *Pseudomonas* keratitis with cyclo-oxygenase and lipoxygenase inhibitors. *Ophthalmology* 98:1693-1697, 1991.
78. Rabinowitz YS, Garbus JJ, Garbus C, McDonnell PJ: Contact lens selection for keratoconus using a computer-assisted videophotokeratoscope. *CLAO J* 17:88-93, 1991.
79. Fasano AP, Moreira H, McDonnell PJ, Sinbawy A: Excimer laser smoothing of a reproducible model of anterior corneal surface irregularity. *Ophthalmology* 98:1782-1785, 1991.
80. Lee PP, Yang JC, McDonnell PJ: Legal considerations in international eye banking. *Refract Corneal Surg* 7:451-454, 1991.
81. Kwitko S, Feldon S, McDonnell PJ: Corneal topographic changes following strabismus surgery in Graves' disease. *Cornea* 11:36-40, 1992.
82. McDonnell JM, McDonnell PJ, Sun YY: Human papillomavirus DNA in tissues and ocular surface swabs of patients with conjunctival epithelial neoplasia. *Invest Ophthalmol Vis Sci* 33:184-189, 1992.
83. Kwitko S, Garbus JJ, Hwang DG, Gauderman WJ, McDonnell PJ: Computer-assisted study of diurnal variation in corneal topography after penetrating keratoplasty. *Ophthalmic Surg* 23:10-16, 1992.
84. McDonnell PJ, Garbus JJ, Caroline P, Yoshinaga PD: Computerized analysis of corneal topography as an aid in fitting contact lenses after radial keratotomy. *Ophthalmic Surg* 23:55-59, 1992.
85. Lee PP, Yang JC, McDonnell PJ, Maumenee AE, Stark WJ: Worldwide legal requirements for obtaining corneas: 1990. *Cornea* 11:102-107, 1992.
86. Gritz DC, McDonnell PJ, Lee TY, Tang-Liu D, Hubbard BB, Gwon A: Topical ofloxacin in the treatment of *pseudomonas* keratitis in a rabbit model. *Cornea* 11:143-147, 1992.
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1. McDonnell PJ: "Update On Corneal Topography", New York Eye and Ear Infirmary, New York, February 6, 1992.
2. McDonnell PJ: Georgetown University Medical Center, Washington DC, November 18, 1992
3. McDonnell PJ: "Refractive Surgery and Your Practice", Lans Lecture, ISRK Meeting at CLAO, Las Vegas, Nevada, January 14, 1993.
4. McDonnell PJ: Excimer Laser Photorefractive Keratectomy: Myopia and Astigmatism and Phototherapeutic Keratectomy: Scars, Dystrophies, Recurrent Erosion syndrome." University of Texas, Southwestern, Dallas, TX, May 22 1993.
5. McDonnell PJ: "Myopia Surgery: What is the State of the Art?", Koplowitz lecture at

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6. McDonnell PJ: New England Ophthalmological Society, March 1995
 7. McDonnell PJ: University of California School of Medicine; Dept. of Ophthalmology at San Francisco; Grand Rounds January 1995
 8. McDonnell PJ: "Cornea Wound Healing after PRK: Implications for Rational Postoperative Medical Therapy", University of Washington, Seattle, Washington, February 27, 1997.
 9. McDonnell PJ: "Refractive Surprises: A New Epidemic", and The Feldman Lecture: "Excimer PRK: What is the State-of-the-Art?", Kreiger Eye Institute, Baltimore, Maryland, April 11, 1997.
 10. McDonnell PJ: "Refractive Surgery Update", Hospital San José and the Instituto Tecnológico y de Estudios Superiores de Monterrey, ITESM, Monterrey, Mexico, August 26, 1997.
 11. McDonnell PJ: "Quality of Vision and Refractive Error", Visiting Professor, University of Illinois at Chicago, Chicago, Illinois, May 2, 1997
 12. McDonnell PJ: "Strategies for the Beginning Refractive Surgeon" and the Braley lecture: "Refractive Surgery in the 21st Century", Iowa Eye Association Alumni Meeting, Iowa City, Iowa, June 5-7, 1997.
 13. McDonnell PJ: Bryan St. Lucia Liddy Lecture; September 1997
 14. McDonnell PJ: "Quality of Vision and Refractive Error", University of Illinois at Chicago, Chicago, Illinois, November 30-December 2, 1997.
 15. McDonnell PJ, "Surgical Options in Hyperopia", Surgical Frontiers for Y2K, University of California, San Francisco, Dec. 2-3, 1999
 16. McDonnell PJ: "Current Challenges in LASIK", Edward W. Purnell Lecture, 17th Annual CME Meeting, Update for the Comprehensive Ophthalmologist. Case Western Reserve University, Cleveland, Ohio, April 30, 1999.
 17. McDonnell PJ: "Cornea-Where are we going?" Wilmer 59th Clinical Mtg. of the Wilmer Residents Assoc. and Wilmer 75th Anniversary and Symposium, Wilmer Ophthalmological Institute, Johns Hopkins University School of Medicine, Baltimore, MD, April 2000.
 18. McDonnell PJ: "The Refractive Surgery Explosion: Corneal Molding or Meddling?", J. Edward Berk Annual Lecture, Association of the Voluntary Clinical Faculty, Orange, CA, May 2000.
 19. McDonnell PJ: "Quality of Vision after Refractive Surgery" George L. Tabor Annual Lecture, San Diego Eye Bank, San Diego CA, July 2001.
 20. McDonnell PJ: "Can We Measure the Impact of Refractive Surgery? The National Eye Institute Refractive Error Quality of Life (NEI-RQL) Instrument". The First Annual Refractive Surgery Interest Group Lecture, Dallas TX, October 2001.
 21. McDonnell PJ: "Measuring the Effects of Refractive Surgery". Ronald G. Michels Lecture, Baltimore, MD, December 2001.
 22. McDonnell PJ: Distinguished Speaker at 26th Annual University of California at Davis, Ophthalmology Symposium. 2003
 23. McDonnell PJ: "Preventing endophthalmitis after clear corneal cataract surgery; New Jersey Academy of Ophthalmology. October 2003

24. McDonnell PJ: "An Unseen Epidemic: Rethinking Sutureless Cataract Surgery" The Arthur Gerard Devoe, M.D. Lectureship, New York City, January 2004
25. McDonnell PJ: "The Quiet Epidemic of Endophthalmitis", The Howard Naquin Lecture, Baltimore, MD, January 2004
26. McDonnell PJ: "Infection following cataract & refractive surgery; new insights" The David Paton Medal Lecture, Houston, TX, February 2004.
27. McDonnell PJ: Kambara Lecture, Lake Geneva, , May 5-6, 2004
28. McDonnell PJ: "Understand the incidence of acute endophthalmitis and how this may be changing; Understand possible mechanisms of endophthalmitis; Understand biomechanics of clear corneal incisions", University of Maryland Grand Rounds, Baltimore, MD, May 11, 2004
29. McDonnell PJ: "Dynamic Morphology of Clear Corneal Cataract Incisions", Claes Dohlman Lecture, Boston, MA, May 21, 2004.
30. McDonnell PJ: "Biomechanics: Sutureless Cataract Surgery", Rochester Grand Rounds; Rochester, NY, June 4-5, 2004
31. McDonnell PJ: "An Unseen Epidemic? Rethinking Sutureless Cataract", Doheny Lecture, Los Angeles, CA, June 2004
32. McDonnell PJ: Johns Hopkins Pathology Grand Rounds. November 2004
33. McDonnell PJ: Washington Academy, "Post-cataract endophthalmitis – What should we do about it?" January 2005
34. McDonnell PJ: Leopold Lecture, California, "Post-Cataract Endophthalmitis: New Strategies for Prevention" February 18-21, 2005
35. McDonnell PJ: Gifford Memorial Lecture, Chicago – May 13-14, 2005
36. McDonnell PJ: Albany Medical College Lecture, 1) Dysfunctional Tear Syndrome, 2) U.S. Epidemic of Endophthalmitis, Albany, NY. June 3, 2005
37. McDonnell PJ: Walter Stark Lecture, "Post Cataract Endophthalmitis: The Unseen Epidemic", Oklahoma City, OK. September 2005
38. McDonnell PJ: Joseph M. Bryan Research Lecture at Duke University. Durham, NC January 2006.
39. McDonnell PJ.: Lois A. young, M.D. Memorial Lecturer, Howard University. Washington DC June, 2006

Presentations at Scientific/Clinical Meetings

1. McDonnell PJ, Fine SI: "Idiopathic Macular Cysts and Holes." Wilmer Residents Association Meeting, Baltimore, Maryland, 1982.
2. McDonnell PJ, Green WR: "Pathologic Studies of Intraocular Lenses." Wilmer Residents Association Meeting, Baltimore, Maryland, 1983.
3. McDonnell PJ, Green WR: "Posterior Capsule Opacification After Extracapsular Cataract Extraction." Wilmer Residents Association Meeting, Baltimore, Maryland, 1984.
4. McDonnell PJ: "Pathologic Changes in Pseudophakic Eyes." Anterior Segment Disease Course, Sinai Hospital, Baltimore, Maryland, 1984.
5. McDonnell PJ, Patel A, Green WR: "Comparison of Intracapsular and Extracapsular Cataract Surgery. A Pathologic Study." American Academy of Ophthalmology, Atlanta, Georgia, 1984.
6. McDonnell PJ, Stark WJ, Green WR: "Posterior Capsule Opacification: A Specular

- Microscopic Study." American Academy of Ophthalmology, Atlanta, Georgia, 1984.
7. McDonnell PJ, Quigley HA: "Preoperative Intraocular Pressure Reduction Using The Honan Manometer." Wilmer Residents Association Meeting, Baltimore, Maryland, 1985.
 8. McDonnell PJ, Glaser BM: "Posterior Capsule Opacification: An In Vitro Model." Association for Research in Vision and Ophthalmology, Sarasota, Florida, 1985.
 9. McDonnell PJ, Green WR, Champion R: "Location of Posterior Chamber Intraocular Lens Haptics in Post-Morten Eyes." American Academy of Ophthalmology, San Francisco, California, 1985.
 10. McDonnell PJ, Green WR, Hutchins GM, Moore GW: "Temporal Artery Biopsy. A Clinical Pathologic Study." American Academy of Ophthalmology, San Francisco, California, 1985.
 11. McDonnell PJ, McDonnell JM, Green WR, Shah KV: "Demonstration of Human Papilloma Virus in Human Conjunctival Neoplasias." Wilmer Residents Association Meeting, Baltimore, Maryland, 1986.
 12. McDonnell PJ: "Pathologic Effects of Pseudophakia." Cataract Surgery Course, Deaconess Hospital, St. Louis, Missouri, 1986.
 13. McDonnell PJ: "Postoperative Uveitis and Macular Edema." Cataract Surgery Course, Deaconess Hospital, St. Louis, Missouri, 1986.
 14. McDonnell PJ, McDonnell JM: "Conjunctival Papillomas." Ocular Tumor Course, Doheny Eye Foundation, Los Angeles, California, 1987.
 15. McDonnell PJ, Schanzlin DJ: "Prevention of Regression after Radial Keratotomy." Wilmer Residents Association Meeting, Baltimore, Maryland, 1987.
 16. McDonnell PJ, McDonnell JM, Green WR, Shah KV: "Demonstration of Human Papilloma Virus Antigen and DNA in Conjunctival Epithelial Lesion." Association For Research in Vision and Ophthalmology, Sarasota, Florida, 1987.
 17. McDonnell PJ, Smith RE, Minckler DS, Heuer D, Schanzlin DJ, Robin J, Baerveldt G: "Molteno Implant for Control of Glaucoma after Penetrating Keratoplasty. LAC-USC Residents, Fellows, and Alumni Association, Los Angeles, California, 1987.
 18. McDonnell PJ: "Surgical Options in Patients with Combined Cataract and Corneal Disease." The Nineteenth Annual Doheny Meeting, Doheny Eye Institute, Los Angeles, California, 1987.
 19. McDonnell PJ: "Intraocular Lens Haptics: How Do We Know If They Are in Or Out of The Bag?" Nineteenth Annual Doheny Meeting, Doheny Eye Institute, Los Angeles, California, 1987.
 20. McDonnell PJ, Schanzlin DJ: "Epikeratophakia Versus Secondary Intraocular Lens Implantation For Aphakia." Nineteenth Annual Doheny Meeting, Doheny Eye Institute, Los Angeles, California, 1987.
 21. McDonnell PJ, Patel A, Robin JR, Schanzlin DJ, Baerveldt G, Minckler DS, Heuer D, Smith RE: "Molteno Implant for Control of Glaucoma in Eyes after Penetrating Keratoplasty." American Academy of Ophthalmology, Dallas, Texas, 1987.
 22. McCluskey DA, Bansal J, Irvine J, Smith R, McDonnell PJ: "Influence of Intraocular Lens Type on Postoperative Complication Following Penetrating Keratoplasty and Intraocular Lens Exchange." Twenty-Sixth Annual Eye Bank Association of American Scientific Session, Dallas, Texas, November 1987.

23. McDonnell PJ: "Effect of Patching and Topical Steroids On Early Changes in Refractive Error Following Radial Keratotomy." American Society of Cataract and Refractive Surgery, Century City, California, March 30, 1988
24. Smith RE, McCluskey DA, Bansal J, Irvine J, McDonnell PJ: "Influence of Intraocular Lens Type on Post-Operative Complication Following Penetrating Keratoplasty and Intraocular Lens Exchange." Wilmer Residents Association Meeting, Baltimore, Maryland, April 1988.
25. McDonnell PJ, Zarbin MA: "Pterygia: A Potential New Therapy." Wilmer Residents Association Meeting, Baltimore, Maryland, April 1988.
26. Schwartz DM, McDonnell PJ, Quigley HA, Zarbin MA: "Transcleral Cyclophotocoagulation after Administration of Hematoporphyrin Derivative." Wilmer Residents Association Meeting, Baltimore, Maryland, April 1988.
27. Lee PP, McDonnell PJ, Green WR, Knox DL: "Phacoanaphylactic Endophthalmitis in Modern Extracapsular Cataract Surgery." Wilmer Residents Association Meeting, Baltimore, Maryland, April 1988.
28. McDonnell PJ: "Aphakic Epikeratophakia", "Corneal Modeling System." Advanced Refractive Surgery Didactic Seminar. Cedars Sinai Medical Center, Los Angeles, California, June 18, 1988.
29. McDonnell, PJ: "Corneal Modeling", "Therapeutic Contact Lenses." Contact Lenses: Recent Advances and Controversies, Los Angeles, California, June 4, 1988.
30. McDonnell PJ: "Peripheral Corneal Thinning: Stepwise Approach to Diagnosis and Treatment", "Where Is The IOL? In-The-Bag? Or In-The-Sulcus?", "Managing The Posterior Capsule: Can We Prevent Opacification?", "Managing Cataracts in The Patient With Corneal Disease. The Triple Procedure: Technique and Results of Combined Cataract Extraction, IOL, and Keratoplasty", "Evaluating Postoperative Corneal Curvature. PK: Suture Removal, Wedge Resections, Relaxing Incisions. Astigmatism: Suture Removal", "Corneal Topography-New Advances", "Radial Keratotomy-Update: Surgical Techniques, Predictive Variables, Modifying Results and Complications (PERK Study and Others)", "Epikeratophakia: Current Status For Aphakia and Keratoconus". Clinical Problems in External Disease and Anterior Segment Surgery. Mauna Kea, Hawaii, August 2-3, 1988.
31. McDonnell PJ: "Epikeratophakia", "The Management of Pseudophakic Bullous Keratopathy", "New Insights Into Corneal Topography", Second Brazilian Congress On The Cornea and Contact Lenses, Curitiba, Brazil, November 1-3, 1988.
32. McDonnell PJ, Garbus JJ, Caroline PJ, Yoshinaga P: "Analysis of Corneal Topography Aids Contact Lens Fitting after Radial Keratotomy." CLAO ISRK Annual Meeting, New Orleans, Louisiana, January 19, 1989.
33. McDonnell PJ: "Epikeratophakia vs. Secondary IOLs: Guidelines to Selection of the Optimum Procedure." New Horizons in Correcting Aphakic Refractive Errors Seminar. CLAO ISRK Annual Meeting, New Orleans, Louisiana, January 20, 1989.
34. Gormley D, McDonnell PJ, Villasenor RA: "Understanding Corneal Topography" Course. CLAO ISRK Annual Meeting, New Orleans, Louisiana, January 20, 1989.
35. McDonnell PJ: "Topography Analysis and Visual Acuity after Radial Keratotomy." California Cornea Club, San Francisco, California, March 2, 1989.
36. Foulks GN, Stulting RD, Fink NE, and The CCTS Research Group: "Prevalence of

- Lymphocytotoxic Antibodies Among High Risk Keratoplasty Candidates: A Preliminary Report from the CCTS." The Association for Research in Vision and Ophthalmology. Sarasota, Florida, April, 1989.
37. Enger C, Maguire MG, Fink NE and The CCTS Research Group: "Comparison of Medical Examiner and Multiple Organ Donors in The Collaborative Corneal Transplantation Studies." The Assoc. for Research in Vision and Ophthal. Sarasota, Florida, April, 1989.
 38. Farrell PJ, McDonnell PJ, Trousdale M, Huete M: "In Vitro Susceptibility of Corneal Pathogens to Hematoporphyrin Derivative Photoradiation Therapy." The Association for Research in Vision and Ophthalmology. Sarasota, Florida, April 30, 1989.
 39. Rabinowitz YS, McDonnell PJ, Caroline PJ, Zilge L: "Corneal Topography in Family Members of Patients with Keratoconus Using Computer-Assisted Corneal Topographic Analysis." The Assoc. for Research in Vision and Ophthal. Sarasota, Florida, May 2, 1989.
 40. McClusky DJ, Garbus JJ, McDonnell PJ: "Computer-Assisted Corneal Topographic Analysis in Preoperative Planning of Surgery for Astigmatism." The Association for Research in Vision and Ophthalmology. Sarasota, Florida, May 2, 1989.
 41. McDonnell PJ, Gritz DC: "Topography and Stress Distribution of the Cornea." The Association for Research in Vision and Ophthalmology. Sarasota, Florida, May 2, 1989.
 42. Gritz DC, Garbus JJ, Gauderman WJ, McDonnell PJ: "Computer-Assisted Laser Pachymetry: Comparison with Two Ultrasonic Pachymeters and Its Evaluation of Normal Corneal Thickness and Diurnal Variation in Thickness." The Association for Research in Vision and Ophthalmology. Sarasota, Florida, May 2, 1989.
 43. McDonnell JM, Mayr AJ, McDonnell PJ, Martin WJ: "Identification of Human Papilloma Virus DNA in Ocular Tissues and Swabs Using the Polymerase Chain Reaction." The Association for Research in Vision and Ophthalmology. Sarasota, Florida, May 4, 1989.
 44. Ragen MT, McDonnell PJ, Pince KJ, Liggett PE: "Firearms and Ocular Injury." The Association for Research in Vision and Ophthalmology. Sarasota, Florida, May 5, 1989.
 45. Oldenburg JB, McDonnell PJ, Gritz DC: "Reduction in Ultraviolet Transmission in Rabbit Cornea by Treatment with a Topical Ultraviolet Light-Absorbing Chromophore, 4-Tert-Butyl - 4 Methoxydibenzolmethane (Parsol 1789)." The Association for Research in Vision and Ophthalmology. Sarasota, Florida, May 5, 1989.
 46. Fish LA, Kan-Mitchell J, Lo GG, Pascal SG, Rao NA, Liggett PE, McDonnell PJ: "Xenograft Model of Human Anterior Uveal and Conjunctival Melanoma in Rabbits." The Association for Research in Vision and Ophthalmology. Sarasota, Florida, May 5, 1989.
 47. McDonnell PJ: "Corneal Shape Considerations and Contact Lens Fitting Factors." Contact Lenses: Recent Advances and Controversies, Los Angeles, California, June 2, 1989.
 48. McDonnell PJ: "Corneal Topography and Contact Lenses" and "Corneal Topography and Refractive Surgery." American Academy of Ophthalmology Western Regional Update Course. Irvine, California, August 27, 1989.
 49. McDonnell PJ: "Multifocal IOLs: Current Status and Concerns", "Acapsular Fixation of PCLS", "Pterygia: Managing Recurrences", "Evaluating Corneal Topography: Clinical

- Significance", "Excimer Laser Refractive Surgery: Current Status." Controversies in Ophthalmology. 21st Annual Doheny Meeting, Doheny Eye Institute, Los Angeles, California, September 21-22, 1989.
50. McDonnell PJ: "Pathologic Studies on Intraocular Lenses", "Surgical Correction of Myopia", "Surgical Correction of Astigmatism", Current Concepts in Ophthalmology. The Wilmer Institute, Baltimore, Maryland, December 7-8, 1989.
 51. McDonnell PJ: "Excimer Laser", "Computerized Keratotomy", "IOL Pathology" and "Treatment of Keratoconus". Penido Burnier Institute 70th Anniversary, Campinas, São Paulo, Brazil, June 1-2, 1990.
 52. McDonnell PJ, Roussel T, Burnier M: "Anatomical Pathologic Correction of the Cornea: A Case Presentation and Discussion" and "Experimental Studies in Cornea". Penido Burnier Institute 70th Anniversary, Campinas, São Paulo, Brazil, June 1-2, 1990.
 53. Roussel T, McDonnell PJ, Burnier M: "Clinical Pathologic Correlations in the Cornea". Penido Burnier Institute 70th Anniversary, Campinas, São Paulo, Brazil, June 2, 1990.
 54. McDonnell PJ: "Current Status of Corneal Modeling Systems." Max Fine Memorial Symposium on Corneal Disease, Presbyterian Medical Center, San Francisco, California, September 7, 1990.
 55. McDonnell PJ: "Where Is The IOL? Clinicopathologic Correlations", AAO Western Regional Update Course, Section 3, Irvine, California, December 1, 1990.
 56. McDonnell PJ: "Excimer Laser Corneal Surgery", White Memorial Medical Center, Los Angeles, California, February 15, 1991.
 57. McDonnell PJ: "Keratorefractive Techniques in the Management of Healed Corneoscleral Lacerations", Ocular Trauma Course, Doheny Eye Institute, Los Angeles, California, March 15, 1991.
 58. McDonnell PJ: "Corneal Shape Considerations and Contact Lens Fitting Factors", "Correcting High Astigmatism with Excimer Laser Before Fitting Contact Lens". Contact Lens Course, Doheny Eye Institute, Los Angeles, California, July 12, 1991.
 59. McDonnell PJ: "Astigmatic Keratectomy", Excimer Laser 1991: Theory and Practice, Doheny Eye Institute, Los Angeles, California, September 6, 1991.
 60. McDonnell PJ: "Phototherapeutic Keratectomy", "Astigmatic Module Results." VISX Excimer Laser Certification Course, Calgary, Canada, September 21, 1991.
 61. McDonnell PJ: "Management of Post Cataract Surgery Astigmatism, Suturing IOL's." Refractive Surgery Update, Excimer Laser Demonstration, Doheny Eye Institute, Los Angeles, California, October 9-10, 1991.
 62. Cuevas KH, Moreira H, Fasano AP, McDonnell PJ, Moreira CA, Moreira, CA, Jr: "Quality Control of Intraocular Lenses Manufactured in Brazil." Scientific Poster, American Academy of Ophthalmology, Anaheim, California, October, 1991.
 63. De Queiroz J, McDonnell PJ: "Corneal Toxicity of Perfluorocarbon Liquids." American Academy of Ophthalmology, Anaheim, California, October, 1991.
 64. McDonnell PJ: "Preliminary Experience and Treatment of Astigmatism with Excimer Lasers", Alcon Laser Breakfast, American Academy of Ophthalmology, Anaheim, California, October 15, 1991.
 65. McDonnell PJ: "Has New Technology in Topographical Analysis Influenced Corneal Remodeling?", ISRK Symposium-How Has Technology Influenced Refractive Keratoplasty?, American Academy of Ophthalmology, Anaheim, California, October

- 15, 1991.
66. McDonnell PJ: Advanced Anterior Segment Surgical Techniques Skills Transfer Course, American Academy of Ophthalmology, Anaheim, California, October 16, 1991.
 67. McDonnell PJ: "Treatment of Astigmatism with Excimer Laser", Cornea & Refractive Surgery Course, American Academy of Ophthalmology, Anaheim, California, October 17, 1991.
 68. McDonnell PJ: "Astigmatic Ablations - Laboratory & Clinical Experience", "PTK: VISX and USC/Doheny", "Astigmatic Ablations" and "Corneal Mapping Role in Refractive Surgery". Insights into the Future-An Instructional Course in The Use of the Excimer Laser For Corneal Surgery, Cedars-Sinai Medical Center, Los Angeles, California, October 18-19, 1991.
 69. McDonnell PJ: "Corneal Topography and Its Management after Penetrating Keratoplasty", Brazilian Eye Bank Association Scientific Meeting, Curitiba, Brazil, November 13-19, 1991.
 70. McDonnell PJ: "Complications of Refractive Surgery", Controversies in Ophthalmology: Focus on Post Operative Complications, 23rd Annual Doheny Meeting, Doheny Eye Institute, Los Angeles, California, December 5, 1991.
 71. McDonnell PJ: "Excimer Laser: Astigmatic Keratectomy-Doheny Eye Institute", Excimer Laser: Refractive and Therapeutic Ophthalmic Surgery Seminar, Department of Ophthalmology, University of Missouri Kansas City School of Medicine, Kansas City, Missouri, December 7, 1991.
 72. McDonnell PJ: "Corneal Topography Study of Astigmatic Excimer Ablation", Biomedical Optics '92, SPIE - The International Society for Optical Engineering, January 19, 1992.
 73. McDonnell PJ: "Treatment of Myopia & Astigmatism with the Excimer Laser", Department of Ophthalmology Annual Alumni Symposium, White Memorial Medical Center, Los Angeles, California, February 21, 1992.
 74. McDonnell PJ: Case Presentation. Max Fine Corneal Society, Irvine, California, March 13, 1992.
 75. McDonnell PJ: "Corneal Topography: Why and Which Instrument?" "Photorefractive Keratectomy ForAstigmatism", "Radial Keratotomy", "Keratoconus: New Insights", "Peripheral Corneal Ulceration". Current Concepts in Ophthalmology, sponsored by the Wilmer Ophthalmological Institute, Vail, Colorado, March 16-20, 1992.
 76. McDonnell PJ: "Understanding RK: Corneal Topography", ISRK, San Diego, California, April 10, 1992.
 77. McDonnell PJ: "Mooren's Ulceration", International Cornea Study Group, May 3, 1992.
 78. McDonnell PJ: "Surgical Correction of Astigmatism", 16th Annual Residents Day Conference, Doheny Eye Institute, Los Angeles, California, June 5, 1992.
 79. McDonnell PJ, "What Have We Learned In The Laboratory", "Astigmaatic PRK", Practical Aspects of Using Topography in Refractive Surgery.", PTK Results", Eximer Laser Course, Cedars Sinai, Los Angeles, California, July 24-25, 1992.
 80. McDonnell PJ: "Posterior Chamber Lens Implantation Using Sutures", "Managing Patients With Cataracts and Corneal Opacities", "Excimer Laser Astigmatic Keratectomy", Ophthalmology: A Review For The Practicing Ophthalmologist, Mauna Kea, Kamuela, Hawaii, August 17-21, 1992.

81. McDonnell PJ, Kaufman H: "Future Directions in Anterior Segment Surgery", Ophthalmology: A Review for the Practicing Ophthalmologist, Mauna Kea, Kamuela, Hawaii, August 17-21, 1992.
82. McDonnell PJ: Excimer Laser Panel, ESCRS Symposium, Paris, France, September 10, 1992.
83. McDonnell PJ: "Excimer Laser: Refractive Keratoplasty", Annual Scientific Session of the Maryland Society of Eye Physicians and Surgeons, "Lasers in Ophthalmology: Current Concepts, Applications and Procedures", Columbia, Maryland, October 9, 1992.
84. McDonnell PJ: "Understanding RK: Corneal Topography", ISRK Symposium, Dallas, Texas, November 6, 1992.
85. McDonnell PJ: "New Techniques of Photorefractive Keratectomy with the Excimer Laser", Survey of Laser Corneal Surgery, Combined Meeting with the American Academy of Ophthalmology Laser Corneal Surgery Special Interest Group, Dallas, Texas, November 8, 1992.
86. McDonnell PJ: "Keratrefractive Surgery: Corneal Topography Analysis", Instruction Course, American Academy of Ophthalmology, Dallas, Texas, November 9, 1992.
87. McDonnell PJ: Speakers Forum, Alcon/VISX Booth, American Academy of Ophthalmology, Dallas, Texas, November 10, 1992.
88. McDonnell PJ: Cornea and Refractive Surgery, Instruction Course, American Academy of Ophthalmology, Dallas, Texas, November 11, 1992.
89. Choi JC, Lee PP, McDonnell PJ, Lloyd ME, Heuer DK, Minckler DS, Baerveldt G: Intermediate-Term Follow-Up of Single-Plate Molteno Implantation for Glaucomas after Penetrating Keratoplasty", Free Paper, American Academy of Ophthalmology, Dallas, Texas, November 11, 1992.
90. McDonnell PJ: "Trephination Techniques for Penetrating Keratoplasty", Cornea and Anterior Segment: Advanced Surgical Techniques, American Academy of Ophthalmology, Dallas, Texas, November 11, 1992.
91. McDonnell PJ: "New Advances and Current Corneal Status of Excimer Laser Surgery", Doheny Eye Institute Dedication Conference, Los Angeles, California, December 4, 1992.
92. McDonnell PJ: "Management of Corneal Ulcers in The Community", "Radial Keratotomy", "Astigmatism with the Excimer Laser and Photorefractive Keratectomy", "Excimer Laser: Lessons from the Laboratory", Current Concepts in Ophthalmology, Wilmer Ophthalmological Institute, Johns Hopkins University, Baltimore, Maryland, December 10-12, 1992.
93. McDonnell PJ: "What Have We Learned in The Laboratory?", "Phototherapeutic PTK Results At USC", "Astigmatic PRK", and "Practical Aspects of Topography in Refractive Surgery" at Excimer Laser Seminar, Cedars-Sinai Medical Center, Los Angeles, California, January 16, 1993.
94. McDonnell PJ: "VISX Excimer Laser: Therapeutic and Astigmatic Applications", Los Angeles Research Study Club, Los Angeles, California, February 19-21, 1993.
95. McDonnell PJ: "Keratrefractive Techniques in Myopia and Astigmatism" and "Excimer Laser Corneal Surgery" at "A Clinical Day in Ophthalmology: Cornea and External Diseases", North Shore University Hospital and Long Island Jewish Medical Center, Garden City, New York, March 10, 1993.

96. McDonnell PJ: "Managing Corneal Ulcers in the 'Real World'", "Excimer Laser Photorefractive Keratectomy", "Complications of Excimer Laser Corneal Surgery", "Holmium Laser Thermal Keratoplasty", "What's New With Radial Keratotomy", "Who's Doing What with Lasers to The Cornea", "Molteno Implants After Penetrating Keratoplasty", and "The Future of Refractive Surgery", at Current Concepts in Ophthalmology sponsored by The Wilmer Institute, Johns Hopkins, Vail, Colorado, March 14-19, 1993.
97. McDonnell PJ: "Laser Techniques", Surgical Correction of Astigmatism" Symposium, College of Ophthalmologists' Annual Meeting, Birmingham, England, May 11-14, 1993.
98. McDonnell PJ: Simposio Internacional De Cirurgia Refrativa: Ceratotomia Radial E Excimer Laser "Corneal Topography", "Radial Keratotomy - PERK Study", "Excimer Laser Phototherapeutic Keratectomy", "Radial Keratotomy Versus Photorefractive Keratectomy", "Complications of Refractive Surgery", "Photorefractive Keratectomy - Myopia and Astigmatism", "Other Lasers For Corneal Surgery", "Drugs in the Pre- and Post-Op Excimer Laser Surgery", Simpósio Internacional De Cirurgia Refrativa: Ceratotomia Radial E Excimer Laser, Campinas, Brazil, May 28-29, 1993.
99. McDonnell PJ: "Who's Doing What With Lasers to the Cornea?", Alumni-Residents Day, Doheny Eye Institute, Los Angeles, California, June 4, 1993.
100. McDonnell PJ: "Corneal Topography in Diagnosis and Surgical Decision-Making", "Phototherapeutic Keratectomy", "Photorefractive Keratectomy", and "Workshop on Corneal Topography", Thorny Issues in Ophthalmology: Lasers in The 21st Century, Good Samaritan Hospital & Med Center, Devers Eye Institute, Portland,OR, June 10-11, 1993.
101. McDonnell PJ: "Managing Patients With Cataracts in Corneal Opacities or The Cornea Sees ALOT Better Than You Think", "Suturing in Posterior Chamber Lenses: When and How I Do It", "Excimer Laser Corneal Surgery: Update", and "Managing Corneal Ulcers Outside of The University Setting". San Diego Eye Bank Current Concepts, San Diego, California, June 18-20, 1993.
102. McDonnell PJ: "The Red Eye", USC Family Practice Intensive Refresher Course, Glendale, California, June 25, 1993.
103. McDonnell PJ: "Holmium Laser Thermokeratoplasty", Sociedade Brasileira De Lentes De Contato. Porto Alegre, Rio Grande Do Sul, Brazil, September 8, 1993.
104. McDonnell PJ: "Excimer Laser Corneal Surgery", XXVII Congresso Brasileiro De Oftalmologia, Porto Alegre, RS, Brazil, September 8-11, 1993.
105. McDonnell PJ: "Ocular Infections: Preferred Versus Prevailing Practices", sponsored by Discovery International, Chicago, Illinois, November 13, 1993.
106. McDonnell PJ: "Intra-Stromal vs. Surface Ablation: What Does The Future Hold?", Refractive Surgery Debates, American Academy of Ophthalmology, Chicago, Illinois, November 16, 1993.
107. McDonnell PJ: "Excimer Laser Corneal Surgery: Lessons from the Laboratory", Survey of Laser Corneal Surgery, Combined Meeting with the American Academy of Ophthalmology Laser Corneal Surgery Special Interest Group, Chicago, Illinois, November 16, 1993.
108. McDonnell PJ: "Laser Keratorefractive Surgery For Astigmatism and Hyperopia" At

- "In-Office Laser Surgery: Refractive, Glaucoma, and Retinal Techniques" course at the American Academy of Ophthalmology, Chicago, Illinois, November 18, 1993.
109. McDonnell PJ: "Radial Keratotomy: What Is The State of The Art?" and "What Should I Know About Corneal Topography?", *Clinical Neuro-Ophthalmology and Refractive Surgery Coast To Coast* by The New Jersey Academy of Ophthalmology. December 1, 1993.
 110. McDonnell PJ: "Excimer Phototherapeutic Keratectomy"; "Corneal Topography: Applications in Keratorefractive Surgery"; "Prevention and Management of Complications in Refractive Surgery"; "Astigmatic Keratorefractive Surgery: Excimer vs The Diamond Blade"; and "The Future of Refractive Surgery". *Corneal and Refractive Surgery 1994: A Preview*, Sponsored By The New York Eye & Ear Infirmary, New York, New York, December 3-4, 1993.
 111. McDonnell PJ: "Pearls and Pitfalls in Patient Selection, Technique, and Postoperative Management in PRK", "Phototherapeutic Keratectomy", "Postkeratoplasty Astigmatism: Prevention and Treatment", University of California, San Francisco/Proctor Foundation Symposium Cornea and Excimer Update, San Francisco, California, December 9-10, 1993.
 112. McDonnell PJ: "The American Experience in Excimer and Holmium Laser Refractive Surgery", International Keratorefractive Surgery, Excimer, and Holmium Symposium and Workshop, University of Texas Medical Branch At Galveston, Texas, January 28-30, 1994.
 113. McDonnell PJ: "Radial Keratotomy: What Is The State of The Art?", "Excimer or Radial Keratotomy", "Minimizing Complications in Refractive Surgery", Holmium Laser Thermokeratoplasty", at Current Concepts in Ophthalmology sponsored by the Wilmer Institute, Johns Hopkins, Vail, Colorado, March 14-15, 1994.
 114. McDonnell PJ: *Advances in Laser Surgery of The Cornea Symposium*, Research Institute of Ophthalmology, Cairo, Egypt, March 22, 1994.
 115. McDonnell PJ: "Laser Refractive Surgery: Current Status of Excimer and Holmium" and "RK vs PRK." Ophthalmology Postgraduate Conference and Alumni Day, University of Wisconsin At Madison, Madison, Wisconsin, May 19, 1994.
 116. McDonnell PJ: "Radial Keratotomy: PERK and Beyond", "Photorefractive Keratectomy (PRK): Clinical Results", "Phototherapeutic Keratectomy (PTK): Opacities", "Other Lasers in Refractive Surgery", AAO Summer Institute, Seattle, Washington, August 5, 1994.
 117. McDonnell PJ: "Corneal and Refractive Surgery", California Association of Ophthalmology Annual Scientific Session, Pasadena, California, September 25, 1994.
 118. McDonnell PJ: "Photorefractive Keratectomy: Postoperative Management", Excimer Laser Course, American Academy of Ophthalmology, San Francisco, California, October 30, 1994.
 119. McDonnell PJ: "Longterm Diurnal Fluctuation and Refractive Stability after Radial Keratotomy: Ten Year Results of The PERK Study" and "Correction of Hyperopia with Holmium Laser Thermokeratoplasty Using a Slitlamp Delivery System: Phase Ii Clinical Trial", American Academy of Ophthalmology, San Francisco, California, November 1, 1994.
 120. McDonnell PJ: "PERK: A Cohort-Based Methodology for Long-Term Follow-Up in

- Patients after Refractive Surgery", Eye Care Technology Forum, NEI, December 1, 1994.
121. McDonnell PJ: "Management of Corneal Ulcers," "Are Cultures Necessary? Pro (Naidoff) and Con (McDonnell)," "Should Fluoroquinolones Be The Initial Treatment? Pro (McDonnell) and Con (Raber)," "Refractive Surgery For The -5.00d Myope: RK Is Better;" and "Holmium Laser Thermokeratoplasty", Tenth Biennial Cornea Conference: Recent Developments in Cornea and Refractive Surgery, Wills Eye Hospital, Philadelphia, Pennsylvania, December 9, 1994.
 122. McDonnell PJ: "10 Year PERK Study", "Holmium Laser Trials", Pacific Coast Refractive Symposium, Whistler, British Columbia, February 18-20, 1995.
 123. McDonnell PJ: "10 Year PERK Results", "Radial Keratotomy Complications", "Holmium Laser Treatment For Hyperopia", at Current Concepts in Ophthalmology sponsored by the Wilmer Institute at Johns Hopkins, Vail, Colorado, March 13-14, 1995.
 124. McDonnell PJ: "Stromal Changes after Excimer Laser Photorefractive Keratectomy", Japanese Society of Cataract and Refractive Surgery, Kanazawa, Japan, May 31-June 4, 1995
 125. McDonnell PJ: "Current Status and Remaining Challenges in Laser Corneal Surgery", 18th Annual Alumni Residents Day Conference, Doheny Eye Institute, Los Angeles, California, June 9-10, 1995.
 126. McDonnell PJ: "Current Status of Laser Refractive Surgery in the USA", Second International Ophthalmologic Conference in China, Beijing, July 5-9, 1995.
 127. McDonnell PJ: "Indications and Contraindications", Excimer Laser Phototherapeutic Keratectomy: Principles and Practice, Jules Stein, UCLA, Los Angeles, California, September 23, 1995.
 128. McDonnell PJ: Course Director, Reshaping The Future: Refractive Surgery, American Academy of Ophthalmology, Atlanta, Georgia, October 28, 1995.
 129. Kolahdouz-Isfahani AH, McLeod SD, Rostomian K, Flowers CW, Lee PP, McDonnell PJ: "A Revised Strategy for the Care of Corneal Ulcers", American Academy of Ophthalmology, Atlanta, Georgia, October 31, 1995.
 130. McDonnell PJ: "Quality of Vision Following Refractive Surgery", Castroviejo Cornea Society, American Academy of Ophthalmology, Atlanta, Georgia, November 1, 1995.
 131. Koch DD, McDonnell PJ, Menefee RE, Berry M, Kohlen T: "Correction of Hyperopia with Non-Contact Holmium:Yag Laser Thermal Keratoplasty: Phase II Clinical Trial", American Academy of Ophthalmology, Atlanta, Georgia, November 2, 1995.
 132. McDonnell PJ: "Phototherapeutic Keratectomy", Phacorefractive and Corneal Topography, Marina Del Rey, California, December 9, 1995.
 133. McDonnell PJ: "Post-Excimer Medications", "NSAI Drugs and Excimer Laser", "PERK 10 Years", and "VISX Excimer Laser", XIX Moacyr Alvaro International Symposium: Advances in Refractive Surgery, São Paulo, Brazil, February 9-10, 1996.
 134. McDonnell PJ: "Ten-Year Results in the PERK Study", "PRK: U.S. Phase III Results with VISX Laser", "Holmium Laser Thermokeratoplasty with Sunrise Laser: U.S. Phase IIA Results", "Rational Approach to Post-PRK Medical Therapy", at Current Concepts in Ophthalmology sponsored by the Wilmer Institute at Johns Hopkins, Vail, Colorado, March 11-12, 1996.

135. McDonnell PJ: "Second and Third Generation Lasers for Photorefractive Keratectomy", 19th Annual Alumni Residents Day Conference, Doheny Eye Institute, Los Angeles, California, June 7-8, 1995.
136. McDonnell PJ: "Excimer Laser for Postkeratoplasty Astigmatism", Eye Bank Association of America Annual Meeting, Santa Barbara, California, June 29, 1996.
137. McDonnell PJ: "Lessons from The PERK Study", "Pain and Excimer Laser Surface Ablation: Causes and Control", at "Predictability and Side Effects of Refractive Eye Surgery", Symposium: "Predictability and Side Effects of Refractive Eye Surgery", 62nd Annual Meeting Mid-Japan Ophthalmological Society, Osaka, Japan, October 10-12, 1996.
138. McDonnell PJ: "My Worst Refractive Surgery Case and How I Handled It", Reshaping the Future: Refractive Surgery 1996, American Academy of Ophthalmology, Chicago, Illinois, October 25-26, 1996.
139. McDonnell PJ: "Basic Principles and Techniques of PRK", "Pharmacologic Management After PRK", "Controversies in The Management of Microbial Keratitis" at Cornea and Refractive Surgery: Strategies For Success, UCSF, San Francisco, California, December 12-14, 1996.
140. McDonnell PJ: "PRK", "Cataract Surgery after Refractive Surgery", "Astigmatic Keratotomy", 66th Midwinter Clinical Conference, Research Study Club, University Hilton Towers, Universal City, Los Angeles, California, February 1, 1997.
141. McDonnell PJ: "Rational Post-Operative Medical Therapy After PRK" and "PRK Complications: Avoiding, Recognizing and Managing" at The Annual Symposium for 1997 "Advances in Refractive Surgery", Cleveland Clinic Foundation, Cleveland, OH, Feb.7-8, 1997.
142. McDonnell PJ: "Basic Principles and Techniques of PRK", "Perils and Pitfalls When Performing PRK", "Controversies in the Management of Microbial Keratitis", "Cataract Surgery After RK", At Pearls For The Comprehensive Ophthalmologist, Washington State Academy of Eye Physicians and Surgeons, February 28-March 2, 1997.
143. McDonnell PJ: "Refractive Surprises with Cataract Surgery after Refractive Surgery: A New Epidemic", "Perils in PRK: Building A Refractive Practice Without Ablating Your Wallet", "Medical Therapy After PRK", "Quality of Vision After PRK: Glare Testing and Contrast Sensitivity Are Worthless" at Current Concepts in Ophthalmology, sponsored by the Wilmer Ophthalmological Institute at Johns Hopkins, Vail, Colorado, March 13-16, 1997.
144. McDonnell PJ, Moreira L, Sanchez-Di Martino D: "Effects of Gene Transfer Into Keratocytes on Corneal Wound Healing after Excimer Laser Keratectomy", Troutman-Véronneau Lecture, XXI Pan-American Congress of Ophthalmology, Cancun, Mexico, May 1-6, 1997.
145. McDonnell PJ: "Pharmacologic Management after PRK" and "Strategies for the Beginning Conservative Refractive Surgeon", Texas Ophthalmological Association 130th Annual Session, Houston, Texas, May 17, 1997.
146. McDonnell PJ: "Refractive Surgery Update", 20th Annual Alumni Residents Day Conference, Doheny Eye Institute, Los Angeles, California, June 13-14, 1997.
147. McDonnell PJ: "Retreatment, Regression after Photorefractive Keratectomy" and

- "Quality of Vision After Photorefractive Keratectomy", Second International Meeting On Advanced Excimer Laser and Cataract Surgery, Seoul, Korea, June 24-18, 1997.
148. McDonnell PJ: "Controversies in the Management of Microbial Keratitis" and "Perils of PRK: Strategies for the Conservative Refractive Surgeon", First Annual UIC Cornea Symposium, University of Illinois At Chicago, Chicago, Illinois, September 10, 1997.
 149. McDonnell PJ: "Cataract Surgery as a Refractive Procedure", "Wound Healing After PRK", "Holmium Laser Thermokeratoplasty" and The Bryan St. L. Liddy Lecture: "Refractive Surgery: Corneal Molding or Meddling?", The Present and The Future of Refractive Surgery, Sally Letson Foundation, University of Ottawa, Canada, September 24-27, 1997.
 150. McDonnell PJ: "Common Complications in PRK", Corneal Diseases and Refractive Surgery Update, Doheny Eye Institute, Los Angeles, California, October 4, 1997.
 151. McDonnell PJ: "Introduction and Course Overview" and Course Director, Reshaping The Future: Refractive Surgery 1997, American Academy of Ophthalmology, San Francisco, California, October 24-25, 1997.
 152. McDonnell PJ: "Rational Approach to Postoperative Medical Therapy after PRK", "Refractive Surgery in The 21st Century: The Role of Gene Therapy", "Quality of Vision After Refractive Surgery", At Excimer Laser Surgery in Ophthalmology, Catholic Univ. Medical College, Seoul, Korea, Nov 22-23, 1997.
 153. McDonnell PJ: "Successful Strategies for the Conservative Refractive Surgeon", "Holmium Laser Thermokeratoplasty: Update of U.S. Clinical Trials", "PRK for Keratoconus", "Refractive Surgery in The 21st Century", "Quality of Vision after PRK", and "Controversies in the Management of Microbial Keratitis", Current Concepts in Ophthalmology, sponsored by the Wilmer Eye Institute at Johns Hopkins, Vail, Colorado, Mar 15-17, 1998.
 154. McDonnell PJ: "Future Technologies with Application for Refractive Correction", Alcon Refractive Seminar at ASCRS, San Diego, California, April 18, 1998.
 155. McDonnell PJ: "Lensectomy for Refractive Error, Presbyopia and Retinal Disease" and "How to Start a Refractive Surgery Practice", Ophthalmology: Approaching The 21st Century - The Biennial Alumni Meeting, Manhattan Eye, Ear and Throat Hospital, New York, New York, May 2, 1998.
 156. McDonnell PJ: "Update On USC Refractive Surgical Experience", Alumni and Residents' Conference, Doheny Eye Institute, Los Angeles, California, June 12-13, 1998.
 157. McDonnell PJ: "Controversies in the Management of Microbial Keratitis" and "Refractive Surgery: Corneal Molding Or Meddling", Regional Roundup 1998, Incline Village, Lake Tahoe, Nevada, July 15-16, 1998.
 158. McDonnell PJ: "Refractive Surgery Update", and Course Director, Refractive Surgery Update, Doheny Eye Institute, Los Angeles, California, October 10, 1998.
 159. McDonnell PJ: "Introduction and Course Overview", "Monovision", and Course Director, Reshaping The Future: Refractive Surgery 1998 American Academy of Ophthalmology, New Orleans, Louisiana, November 5-7, 1998.
 160. McDonnell PJ: "Intraoperative Antibiotics For LASIK", "Medical Therapy after Excimer Laser Corneal Surgery", "PRK For Keratoconus", "Racial Differences in PRK Outcomes", "Quality of Vision After Photorefractive Keratectomy", "Holmium Laser

- Thermokeratoplasty For Hyperopia", Refractive Surgery Update, San Diego Eye Bank, San Diego, California, January 23, 1999.
161. McDonnell PJ: Session Chair "Optimizing Refractive Surgery Outcomes", Second Annual Ocular Drug and Surgical Therapy Update, Laguna Niguel, California, March 7, 1999.
 162. McDonnell PJ: "Intraoperative Antibiotics For LASIK", "Refractive Surgery in Southern California", "PRK For Keratoconus/Racial Differences", "Gene Therapy For Anterior Segment Proliferative Disorders", Current Concepts in Ophthalmology, sponsored by the Wilmer Eye Institute at Johns Hopkins, Vail, Colorado, March 16, 1999.
 163. McDonnell PJ: "Perils and Pitfalls in LASIK" and "PRK for Keratoconus", Comprehensive Ophthalmology: Pearls III 1999, Vanderbilt, Nashville, Tennessee, June 11, 1999.
 164. Kampmeier J, Tanzer DJ, Er H, Schallhorn SC, LaBree L, McDonnell PJ: "Bedeutung Der Kornealen Topographie Zur Vorhersage Von Patientenbeschwerden Nach Photorefraktiver Keratektomie", Jahrestagung der Deutschen Ophthalmologischen Gesellschaft - DOG, Poster-presentation at Annual German Meeting in Berlin, Germany, September 23-26, 1999.
 165. McDonnell PJ: "How Do I Get Good Results with Our New Laser Without Over-or Under-Correcting Our First 100 Patients? Finding the Appropriate Nomogram" and Moderator: "Stromal Wound Healing and Wound Management". Reshaping the Future: Refractive Surgery 1999 American Academy of Ophthalmology, Orlando, Florida, Oct. 22-23, 1999.
 166. McDonnell PJ: "LASIK", L.A. Research Study Club Mid-Winter Clinical Conference, Universal City, California, January 28-30, 2000.
 167. McDonnell PJ: "A Revolution in Dry Eye Management", "Hyperopia Surgery", "Eye Infections after LASIK", Current Concepts in Ophthalmology, sponsored by the Wilmer Eye Institute at Johns Hopkins, Dorado Beach, Puerto Rico, February 4-7, 2000.
 168. McDonnell PJ: "Optimal pre/post patient management" and Session Chair, "Optimizing Refractive Surgery Outcomes". Ocular Drug and Surgical Therapy Update Meeting, Laguna Niguel, California, March 04-05, 2000.
 169. McDonnell PJ: "Cyclosporin in Dry Eye", "Rational, Safe Use of NSAIDs", "Quality of Life and Refractive Error", "LASIK Complications", Current Concepts in Ophthalmology, sponsored by Wilmer Eye Institute at Johns Hopkins, Vail, Colorado, March 12-16, 2000.
 170. McDonnell PJ, Chuck RS, Arnoldussen ME, Behrens A., Cohen D., Bearman GH, Grundfest WS. "193 NM Excimer Laser-Induced fluorescence in fresh cadaveric rabbit and human eye bank corneas: Spectral component", The Association for Research in Vision and Ophthalmology, Ft. Lauderdale, Florida, May 2000.
 171. Chuck RS, Arnoldussen ME, Behrens A., Liaw LH, Cohen D., Bearman GH, McDonnell PJ, Berns MW, Grundfest WS. "Laser-induced fluorescence during 193 NM excimer laser ablation of rabbit cornea damaged by hydrochloric acid", The Association for Research in Vision and Ophthalmology, Ft. Lauderdale, Florida, May 2000.
 172. Arnoldussen ME, Chuck RS, Behrens A., Cohen D., Bearman GH, McDonnell PJ, Grundfest WS. "193 NM Excimer laser induced fluorescence in diabetic human eye bank

- corneas", ", The Association for Research in Vision and Ophthalmology, Ft. Lauderdale, Florida, May 2000.
173. Behrens A, Chuck RS, Wellik SR, Dolorico A., Chao LC, Abedi P., McDonnell PJ. "Precision and accuracy of lamellar corneal disc dimensions obtained with an artificial anterior chamber and a manual microkeratome", The Association for Research in Vision and Ophthalmology, Ft. Lauderdale, Florida, May 2000.
 174. Liaw LH, Chuck RS, Behrens A., Dolorico A., Wellik SR, Chao LC, McDonnell PJ, Berns MW. "Re-epithelialization in a whole organ rabbit cornea culture model after acidic and basic chemical burns and subsequent treatment with excimer laser ablation", The Association for Research in Vision and Ophthalmology, Ft. Lauderdale, Florida, May 2000.
 175. Wellik SR, Chuck RS, Behrens A., Liaw LH, Sun CH, McDonnell PJ, Berns MW. "Re-epithelialization in a whole organ rabbit cornea culture model after in vitro excimer laser ablation", The Association for Research in Vision and Ophthalmology, Ft. Lauderdale, Florida, May 2000.
 176. Novick L., Behrens A., Chuck RS, Torres F., McDonnell PJ, Suarez E. "Evaluation of LASIK outcomes in a Hispanic population", The Association for Research in Vision and Ophthalmology, Ft. Lauderdale, Florida, May 2000.
 177. McDonnell, PJ. "Vision research at UCI". Research Associates. University Club, Irvine, CA. October 2000.
 178. McDonnell, PJ. "LASIK technique". Discussion group leader. SubSpecialty Day, American Academy of Ophthalmology. Dallas, Tx, Oct.2000.
 179. McDonnell, PJ. "Intraocular lenses in Refractive surgery". Moderator. American Academy of Ophthalmology, Dallas, Tx., Oct. 2000.
 180. McDonnell, PJ. "Topography & wavefront analysis", Discussion Group leader. Refractive Surgery Interest Group, American Academy of Ophthalmology. Dallas, Tx., October 2000.
 181. McDonnell, PJ. "Contraindications of LASIK". Breakfast with the experts. American Academy of Ophthalmology. Dallas, Tx., October 2000.
 182. McDonnell, PJ. "Etiology, prevention and treatment of overcorrection and regression. Continuing challenges of Refractive surgery". ASCRS symposium. American Academy of Ophthalmology, Dallas, Tx., October 2000.
 183. McDonnell, PJ. "Development of the Refractive Error Correction Questionnaire", Eye Care Technology Forum, Visual Functioning Assessment in Clinical And Observational Research, National Institutes of Health, Bethesda, MD., Nov. 13-14, 2000.
 184. McDonnell, PJ., Co-Chair session and oral presentation "Gene & Stem Cell Therapy of the Ocular Surface". The Third International Conference on the Lacrimal Gland, Tear Film and Dry Eye Syndromes: Basic Science and Clinical Relevance. The Schepens Eye Research Institute, Maui, Hawaii. Nov. 2000.
 185. McDonnell, PJ: Optimizing Refractive Surgery Outcomes. Session Chairperson and lecture, "Postoperative Therapy Pearls after PRK and LASIK". 4th Annual Ocular Drug & Surgical Therapy Update Meeting. Laguna Niguel, CA , Feb 10-11, 2001.
 186. McDonnell, PJ: "Quality of Life and Refractive Error". Current Concepts in Ophthalmology, Annual Mtg; Vail, CO, March 11,2001
 187. McDonnell, PJ: "Corneal Gene Therapy" and "Amniotic Membrane/Stem Cell

- Transplantation". Current Concepts in Ophthalmology, Annual Mtg., Vail, CO, March 12, 2001.
188. McDonnell, PJ: "Dry Eye Management". Current Concepts in Ophthalmology, Annual Mtg., Vail, CO, March 13, 2001.
 189. McDonnell, PJ: Young Physicians and Residents Symposium #9. "Lower Hyperopia: LTK vs. CK". The American Society of Cataract and Refractive Surgery 2001 Symposium. San Diego, CA, April 29, 2001.
 190. McDonnell, PJ: Young Physicians and Residents Symposium #9. "Measuring Outcomes: Quality of Life Issues after Refractive Surgery." The American Society of Cataract and Refractive Surgery 2001 Symposium. San Diego, CA, April 29, 2001.
 191. Chuck RS, Li L, Behrens A, Sweet PM, McDonnell PJ. Harvesting corneal lenticules with a microkeratome and an artificial anterior chamber system. The Association for Research in Vision and Ophthalmology, Ft. Lauderdale, Florida, Apr- May 2001.
 192. Li L, Behrens A, Sweet PM, Sanchez J, McDonnell PJ, Chuck RS. A laboratory model for microkeratome-assisted posterior lamellar keratoplasty utilizing a running graft suture and a sutureless hinged flap The Association for Research in Vision and Ophthalmology, Ft. Lauderdale, Florida, Apr.-May 2001.
 193. Pirn.azar JR, Shamie N, Behrens A, McDonnell PJ, Suarez E, Vongthongsri A, Chuck R.S. Evaluation of LASIK outcomes in a Hispanic and Thai population. The Association for Research in Vision and Ophthalmology, Ft. Lauderdale, Florida, Apr.- May 2001.
 194. Ellis KR, Behrens A, Li L, Sweet PM, McDonnell PJ, Chuck RS. Posterior lamellar keratoplasty: Experimental approach to a new technique. The Association for Research in Vision and Ophthalmology, Ft. Lauderdale, Florida, Apr.-May 2001.
 195. Cui W, McDonnell PJ, Bryant MR. Integrins mediate the stretch-induced expression of genes for metalloproteinase-1 (MMP1) and MMP2 in fetal human scleral fibroblasts. The Association for Research in Vision and Ophthalmology, Ft. Lauderdale, Florida, Apr.-May 2001.
 196. Behrens A, Li L, Liu PX, Chen Z, Peng H, Hall FL, Gordon EM, Anderson WF, McDonnell PJ. Gene therapy for the prevention of corneal haze development after phototherapeutic keratectomy. The Association for Research in Vision and Ophthalmology, Ft. Lauderdale, Florida, Apr.- May 2001.
 197. Graff JM, Wong, Jr EK, Chuck RS, Wong M, Tran A, Lee C, McDonnell P. A ventral stereotactic approach for denervation of the sensory nerves to the cornea of the rat. The Association for Research in Vision and Ophthalmology, Ft. Lauderdale, Florida, Apr.- May 2001.
 198. McDonnell PJ: Quality of Life Measurement in Patients with Refractive Error. Southern California College of Optometry Education Program Alaska Cruise, July 2001.
 199. McDonnell PJ: Complications of LASIK Surgery: Recognition and Management. Southern California College of Optometry Education Program Alaska Cruise, July 2001.
 200. McDonnell PJ: Does Refractive Surgery Improve Quality of Life? RSIG Honorary Lecturer, Subspecialty Day, American Academy of Ophthalmology Annual Meeting, New Orleans, LA, November 9, 2001.
 201. McDonnell PJ: LASIK Complications, Discussion Group Leader, Subspecialty Day, American Academy of Ophthalmology Annual Meeting, New Orleans, LA, November

- 10, 2001.
202. McDonnell PJ: Optimizing Refractive Surgery Outcomes. Session Chairperson and lecture, "LASIK Techniques". 5th Annual Ocular Drug & Surgical Therapy Update Meeting. Dana Point, CA, Feb 16-17, 2002.
203. McDonnell PJ: "Quality of Life and Visual Functioning in Refractive Error", "Monovision" and "Off Label Cyclosporine Use in Dry Eyes". Current Concepts in Ophthalmology, 19th Annual Mtg., Vail, CO, March 10 – 15, 2002.
204. McDonnell PJ: Member, Scientific Review Committee, PBA, Vision Problems in the U.S. Symposium, Washington, DC, March 21, 2002.
205. McDonnell PJ: "Epithelial Ingrowth", Presentation, Subspecialty Day; "Fluoroquinolone Therapy of Multiple Drug Resistant Staphylococcal Keratitis after Lamellar Keratectomy" Presentation, Ocular Microbiology and Immunology Group; "A prospective, randomized comparison of the use versus non-use of topical corticosteroids after laser in situ keratomileusis", Discussant, Editor's Choice Session. American Academy Of Ophthalmology Annual Meeting, Orlando, Florida, October 18-23, 2002.
206. McDonnell PJ: Session Chairperson and lecture, "New Treatment Options for Dry Eye", Sixth Annual Ocular Drug & Surgical Therapy Update Meeting, Dana Point, CA February 15-16, 2003
207. McDonnell PJ: "Self-Sealing Clear Corneal Incisions-Are They Really Sealed?", "Post-Cataract Endophthalmitis: Is the Risk Increasing?" and "Dry Eye – Current Therapies". Current Concepts in Ophthalmology, 20th Annual Mtg., Vail, CO, March 17 – 21, 2003.
208. McDonnell PJ: "Megatrends in Vision Science & Disease", Western Eye Research Conference, Laguna Beach, CA, September 14-17, 2003
209. McDonnell PJ: "Self-Sealing Clear Corneal Incisions-Are They Really Sealed?" "Acute Endophthalmitis After Cataract Extraction", "Management of Dry Eye Disease" "Biological Adhesive for Corneal Surgery". Current Concepts in Ophthalmology, Vail CO, March 15-16, 2004
210. McDonnell PJ: "Endophthalmitis is on the Rise in USA; Analysis of Medicare Data". Current Concepts in Ophthalmology, Johns Hopkins University School of Medicine. December 2-4, 2004

Invited Lectures

1. McDonnell PJ: "Corneal Topography." Doheny Board of Directors Meeting. Los Angeles, California, November 9, 1988.
2. McDonnell PJ: "Update of Anterior Segment Surgery." Monterey Hospital. Monterey Park, California, May 9, 1989.
3. McDonnell PJ: "Excimer Laser" and "Multifocal Lenses". Long Beach Memorial Hospital, Long Beach, California, November 21, 1989.
4. McDonnell PJ: "What Every Ophthalmologist Needs to Know About Advances in Corneal Topography". Alta California Ophthalmology Society, Sacramento, California, April 18, 1990.
5. McDonnell PJ: "Current Applications of the Corneal Modeling Systems". Corneal and Refractive Surgery Symposium commemorating Max Fine. San Francisco, California, September 21, 1990.
6. McDonnell PJ: "The Value of Corneal Topography Assessment in Refractive Surgery",

- Jules Stein 25th Anniversary Meeting, Los Angeles, California, March 9, 1991.
7. McDonnell PJ: "Excimer Laser Corneal Surgery", Tri-County Eye Society, July 10, 1991.
 8. McDonnell PJ: "Update on Corneal Topography" and "New Developments in Excimer Laser Surgery", New York Eye and Ear Infirmary, New York, New York, February 6-7, 1992.
 9. McDonnell PJ: "Excimer Laser Corneal Surgery", Alta Ophthalmological Society, Sacramento, California, April 23, 1992.
 10. McDonnell PJ: "Therapeutic Applications of the Excimer Laser", St. Joseph Medical Center, Burbank, California, July 2, 1992.
 11. McDonnell PJ: "Excimer Laser Corneal Surgery", East Bay Eye Society, Oakland, California, September 29, 1992.
 12. McDonnell PJ: "Community Care of Corneal Ulcers" and "Excimer Laser Corneal Surgery", Georgetown University Medical Center, Washington DC, November 18, 1992.
 13. McDonnell PJ: "Excimer Laser and Photorefractive Surgery", Ventura County Ophthalmological Society, Ventura, California, February 25, 1993.
 14. McDonnell PJ: "Excimer Laser Photorefractive Keratectomy: Myopia and Astigmatism" and "Phototherapeutic Keratectomy: Scars, Dystrophies, Recurrent Erosion Syndrome", University of Texas, Southwestern, Dallas, Texas, May 22, 1993.
 15. McDonnell PJ: "Organized Ophthalmology's Role: What's Being Done Now; What Else Needs To Be Done?", American Board of Ophthalmology Board of Trustees Strategic Discussion on Refractive Surgery, San Francisco, California, October 9, 1993.
 16. McDonnell PJ: "Current Status of Excimer Laser Corneal Surgery", Phoenix Ophthalmological Society, Phoenix, Arizona, October 21, 1993.
 17. McDonnell PJ: "Refractive Surgery and the Excimer Laser: Are Eye Glasses On Their Way Out?", Doheny Eye Institute Académé, Los Angeles, California, November 30, 1993.
 18. McDonnell PJ: "Community Care of Ocular Infections", West Los Angeles Ophthalmologists Meeting, Riverside, California, December 15, 1993.
 19. McDonnell PJ: "Community Care of Ocular Infections", Inland Empire Ophthalmologists Meeting, Marina del Rey, California, December 16, 1993.
 20. McDonnell PJ: "Community Management of Corneal Ulcers", San Diego Naval Journal Group, San Diego, California, January 14, 1994.
 21. McDonnell PJ: El-Magraby Hospital, Jeddah, Saudi Arabia, March 26, 1994.
 22. McDonnell PJ: "Community Care of Corneal Ulcers", Santa Barbara Eye Society, Santa Barbara, California, July 21, 1994.
 23. McDonnell PJ: "Refractive Surgery", Houston Ophthalmological Society, Houston, Texas, September 8, 1994.
 24. McDonnell PJ: "Radial Keratotomy Update: What is the State of the Art?", University of Michigan, Ann Arbor, Michigan, November 10, 1994.
 25. McDonnell PJ: "Refractive Surgery: What is the State of the Art?", "Enhancement/Retreatment Strategies in Refractive Surgery" (seminar). The 654th Meeting of The New England Ophthalmological Society", Boston, Massachusetts, March 3, 1995.
 26. McDonnell PJ: "Today's State of the Art Refractive Surgery and a Preview of Future

- Advances using the Excimer and Holmium Lasers", Huntington Memorial, May 4, 1995.
27. McDonnell PJ: "Refractive Surgery: What is the State of the Art?", St. Jude Medical Center, Los Angeles, California, July 25, 1995.
 28. McDonnell PJ: "Excimer Laser Photorefractive Keratectomy: Current Status" at "Seeing into Your Future" seminar. TriCounty Eye Institute, Riverside, California, August 26, 1995.
 29. McDonnell PJ: "Evolving Strategies in the Management of Corneal Ulcers" at "Corneal Specialist Conference", Jules Stein, Los Angeles, California, September 20, 1995.
 30. McDonnell PJ: "Examination Techniques", Anterior Segment Lecture Series, Doheny Eye Institute, Los Angeles, California, September 22, 1995.
 31. McDonnell PJ: "Excimer Laser Photorefractive Keratectomy: Current Status", at PRK: U.S. Clinical Experience with the Excimer Laser & Corneal Topography, Sacramento Ophthalmologists, Sacramento, California, October 5, 1995.
 32. McDonnell PJ: "Medical Therapy after Myopic PRK" at Alcon's Future Technologies for Refractive Correction, Ft. Worth, Texas, January 14, 1996.
 33. McDonnell PJ: "Radial Keratotomy versus Excimer Laser ", Daniel Freeman Memorial Hospital, Los Angeles, California, February 29, 1996.
 34. McDonnell PJ: "Excimer Laser", EENT lecture, St. Joseph Hospital, Orange, California, March 19, 1996.
 35. McDonnell PJ: Cornea/External Disease/Refractive Surgery Update, Doheny Eye Institute, Los Angeles, California, April 13, 1996.
 36. McDonnell PJ: "Use of Lasers in Ophthalmology", Century City Hospital, Los Angeles, California, November 4, 1996.
 37. McDonnell PJ: "Case Studies in Cornea/External Disease and Refractive Surgery", Doheny Eye Institute, Los Angeles, California, November 9, 1996.
 38. McDonnell PJ: "Gene Therapy and Cornea Wound Healing", UCI/Beckman Laser Institute, Irvine, California, December 11, 1996.
 39. McDonnell PJ: "Fluoroquinolones with Surgery and in the Clinic", Allergan, Minneapolis, Minnesota, March 7, 1997.
 40. McDonnell PJ: "Excimer PRK: What is the State-of-the-Art?" and "Refractive Surprises: A New Epidemic" Kreiger Eye Institute, Baltimore, Maryland, April 10-11, 1997.
 41. McDonnell PJ: "Gene Therapy in Refractive Surgery", UCLA Refractive Study Club, Los Angeles, California, May 22, 1997.
 42. McDonnell PJ: "Medical Therapy for Refractive Surgery", Allergan Academic Meeting, February 12, 1998.
 43. McDonnell PJ: "Corneal Diseases", Torrance Memorial Medical Center, Torrance, California, February 18, 1998.
 44. McDonnell PJ: "The Red Eye", Ophthalmology Surgery Subspecialty Lecture, Los Angeles County Hospital, Los Angeles, California, February 20, 1998.
 45. McDonnell PJ: "Perils and Pitfalls in Refractive Surgery", Dallas Academy of Ophthalmology and "Gene Therapy for Corneal Wound Healing", UT Southwestern Medical School, Dallas, Texas, March 19-20, 1998.
 46. McDonnell PJ: "Refractive Surgery Update", Resident Lecture, University of California,

- Los Angeles, California. May 15, 1998.
47. McDonnell PJ: "Current Concepts in Refractive Surgery: An Ocular Surgery News Monograph and Supplement Project", Roundtable Panelist at Ocular Surgery News Symposium, Scottsdale, Arizona, February 26-28, 1999.
 48. McDonnell PJ: "Bacterial Keratitis", Drew University, Los Angeles, CA, March 1, 1999.
 49. McDonnell PJ: "Cataract and Refractive Surgery: A Treatment, Technique and Therapeutic Update: An Ocular Surgery News Monograph and Supplement Project" Roundtable Panelist, Ocular Surgery News Symposium, Dana Point, CA, March 6, 1999.
 50. McDonnell PJ: "Current State of the Art of Laser Vision Correction", Irvine Medical Center Staff Physicians CME Seminar, Irvine Med Center, Irvine, CA, October 12, 1999.
 51. McDonnell, PJ: University of California Irvine/Allergan Inc., Invited Speaker for Ophthalmology at Exploratory Research Discussion, Arnold and Mabel Beckman Center of the National Academies, Irvine, California, Feb. 02, 2000.
 52. McDonnell, PJ: "Quality of Vision and Refractive Surgery". Sensation and Perception Seminar, Dept. of Cognitive Sciences, University of California, Irvine, March 01, 2000.
 53. McDonnell PJ: "Updates in Surgical Techniques and Therapeutics: An Ocular Surgery News Symposium and Monograph Project." Roundtable Panelist, Ocular Surgery News Symposium, Laguna Niguel, California, March 04, 2000.
 54. McDonnell PJ: "New Perspectives in Dry Eye Disease", "Perils and Pitfalls in LASIK Surgery", and "PRK for Keratoconus", Pittsburgh Ophthalmology Society, Pittsburgh, Pennsylvania, March 17-18, 2000.
 55. McDonnell PJ: "Anti-inflammatory agents in corneal and refractive surgery", "Quality of Life measurement in patients with refractive error", "Surgical Options in Hyperopia", UCLA- 2000 Annual Postgraduate Seminar, UC-Los Angeles, April 2000.
 56. McDonnell PJ: "Rational and safe adjunctive medical therapy in refractive surgery", Pierce County Ophthalmology Society, Tacoma, Washington, May 23, 2000.
 57. McDonnell PJ: "Fighting Common Causes for Blindness in America", University of California, Irvine - College of Medicine, Mini Medical School, Irvine, CA, April 2000.
 58. McDonnell PJ: "Common eye diseases-can we prevent them?", UCI College of Medicine and Health Science Partners, Breakfast with The Dean, Irvine Hall, University of California, Irvine, June 2000
 59. McDonnell PJ. "How to protect and take care of your vision." Leisure World Historical Society, Laguna Woods, CA., October 2000.
 60. McDonnell PJ. "Refractive Surgery and quality of life." Ophthalmology Clinical Research Department, Allergan, Irvine, CA., October 2000.
 61. McDonnell PJ: ARCS Annual Scholar Dinner, Beckman Academy, October 2000
 62. McDonnell PJ: "New developments in complex corneal transplantation." Monarch Health Care Ophthalmology Update, UCI, November 2000.
 63. McDonnell PJ: Allergan new Sales force presentation. Dallas, Tx. June 2001.
 64. McDonnell PJ: "Update on Antibiotic Therapy", Allergan group/guests presentation. San Diego, CA, November 3, 2001.
 65. McDonnell PJ: "Dry Eye Disease: The Unrecognized Epidemic", Coachella Valley Desert Visionaires 2002 Lecture Series, Palm Springs, CA, January 15, 2002.

66. McDonnell PJ: "Preventing endophthalmitis after clear corneal cataract surgery; Lasik complications; New Thinking about Dry Eye Disease; and 8methoxy-fluoroquinolones: The Wonder Drugs?" New Jersey Academy of Ophthalmology Annual Conference, Eatontown, NJ October 14-15, 2003
67. McDonnell PJ: "An Unseen Epidemic: Rethinking Sutureless Cataract Surgery", Zanvyl Krieger Lecture in Ophthalmology at Sinai Hospital Kreiger Eye Institute, Baltimore, MD October 31, 2003.
68. McDonnell PJ: "An Unseen Epidemic: Rethinking Suture Less Cataract Surgery", Arthur Gerard Devoe, M.D. Visiting Lectureship, New York, NY; January 8, 2004.
69. McDonnell PJ: "An Unseen Epidemic: Rethinking Sutureless Cataract Surgery" The Arthur Gerard Devoe, M.D. Lectureship, New York City, January 2004
70. McDonnell PJ: "The Quiet Epidemic of Endophthalmitis" The Howard Naquin Lecture, Baltimore, MD, January 2004
71. McDonnell PJ: "Endophthalmitis After Clear Corneal Surgery: An Unrecognized Epidemic?" and "Infectious Complications of Refractive Surgery and New Anti-Infectives", David Paton, M.D. 5th Paton Medal Lecture, Houston, TX, February 2004
72. McDonnell PJ: "Measuring the Impace of Presbyopia & Monovision" and "An unseen Epidemic: Rethinking Sutureless Cataract Surgery", Kambara Lecture, Lake Geneva, WI, May 2004
73. McDonnell PJ: "Dynamic Morphology of Clear Corneal Cataract Incisions", 14th Claes Dohlman Visiting Professor, Boston, MA, May 2004
74. McDonnell PJ: "Biomechanical Behavior of the Incised Cornea" and "The War on Blindness: Are We Winning?", Rochester, NY, June 2004
75. McDonnell PJ: "An unseen Epidemic: Rethinking Sutureless Cataract Surgery", Doheny Lecture, Los Angeles, CA, June 2004
76. McDonnell PJ: "Self-Sealing Clear corneal Incisions: Are They Really Sealed?" 20th Annual Current Concepts in Ophthalmology, Vail, CO March 2004
77. McDonnell PJ: "Acute Endophthalmitis After Cataract Extraction and Penetrating Keratoplasty," 20th Annual Current Concepts in Ophthalmology, Vail, CO March 2004
78. McDonnell PJ: "Mangement of Dry Eye Disease," 20th Annual Current Concepts in Ophthalmology, Vail, CO March 2004
79. McDonnell PJ: "Measuring the Impact of Presbyopia and Monovision," Wisconsin 2004 Eye M.D. Spring Symposium, Lake Geneva, WI, May 2004
80. McDonnell PJ: UW George K. Kambara Lecture, "An Unseen Epidemic: Rethinking Sutureless Cararact Surgery," Wisconsin 2004 Eye M.D. Spring Symposium, Lake Geneva, WI, May 2004
81. McDonnell PJ: "Understand changing incidence of endophthalmitis," Understand possible mechanisms of endophthalmitis after cataract surgery," Understand biomechanical properties of clear cataract incisions," University of Maryland Department of Ophthalmology Grand Rounds, Baltimore, MD, May 2004
82. McDonnell PJ: "What is the Future of Ophthalmology Residencies?" 20th Annual Current Concepts in Ophthalmology, Baltimore, MD. December 2004

Other: On-line: Symposia or Video Web-Site Conference

1. McDonnell, PJ: "The Refractive Surgery Explosion: Cornea Molding or Meddling"
www.Americasdoctor.com. Interactive live, chat room. February 02, 2000.
2. McDonnell, PJ: "LASIK: Is it safe for children?" KTTV Ch.11, Fox News at 10:00.
February 13, 2001
3. McDonnell, PJ: Guest Host on the Academy issue of the Video Journal of Cataract and
Refractive Surgery, American Academy of Ophthalmology, October 2001.

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