

CURRICULUM VITAE

Howard Schatz, M.D.
435 West Broadway
New York, NY 10012

EDUCATION

9/61 - 6/65 Medical School, University of Illinois, Champaign, Illinois.

7/65 - 6/66 Internship (Rotating); Cook County Hospital, Chicago, Illinois.

6/66 - 6/69 Residency, Ophthalmology; Illinois Eye and Ear Infirmary; University of Illinois, Chicago, Illinois.

7/71 - 7/72 Fellowship, Medical Retina; Wilmer Eye Institute, Johns Hopkins University School of Medicine, Baltimore, Maryland.

7/72 - 1/73 Fellowship, Surgical Retina; Wilmer Eye Institute, Johns Hopkins University School of Medicine, Baltimore, Maryland.

OTHER EDUCATION

9/70 and 4/72 Course in Ophthalmic Pathology, AFIP.

1/69 Clinic Service for FOCUS (Foreign Ophthalmologic Care from the U.S.), Republic of Haiti.

Summer 1968 Lancaster Basic Science Course in Ophthalmology, Colby College, Maine.

MILITARY

7/69 - 7/71 Chief of Ophthalmology; MacDill AFB Hospital, Florida.

MEDICAL LICENSURE

California; New York; Florida; Illinois; Maryland

BOARD CERTIFICATION

Diplomat, American Board of Ophthalmology 1971

National Board of Medical Examiners
Part I - 1963; Part II - 1965; Part III - 1966

ACADEMIC ACTIVITIES THROUGH SEPTEMBER, 1995

Director, Retina Research Fund of St. Mary's Hospital and Medical Center, San Francisco.

Clinical Professor of Ophthalmology, University of California, San Francisco.

Staff Member, St. Mary's Medical Center, San Francisco.

Editor, RETINA, American Journal of Retinal and Vitreal Diseases. J.B. Lippincott Company, Philadelphia, PA, Publisher.

PROFESSIONAL SOCIETIES

American Academy of Ophthalmology and Otolaryngology 1971

American Medical Association 1973

California Medical Association 1973

San Francisco Medical Society 1973 (Chairman, Eye Section 1975 - 76)

Wilmer Residents Association 1973

American Fluorescein Angiography Club 1975 (Founder)

Retina Society 1977

Macula Society 1979

The Vitreous Society 1982

California Association of Ophthalmology 1982

American Diabetes Association 1983 (Board Member, SF Chapter)

Western Retina Study Club 1984 (Founder)

Ophthalmic Photographers Society 1984 (Honorary Life Member)

PUBLICATIONS (Peer Review Scientific Articles in Bold),

LETTERS, EDITORIALS, CHAPTERS, REVIEWS

1. **Schatz H: Alport's syndrome in a negro kindred. Am J Ophthalmol 71:1236-1240, 1971.**
2. **Schatz H and Urist M: An instrument for measuring ocular torticollis (Head Turn, Tilt, and Bend). American Academy of Ophthalmology and Otolaryngology 75:650-653, 1971.**
3. **Schatz H: Sarcomatous transformation of a benign orbital neurilemoma (in a patient with von Recklinghausen's Disease). Archives of Ophthalmology 86:268-273, 1971.**
4. **Patz A, Schatz H, Ryan SJ, Berkow JW, and Lazarus MG: Argon laser photocoagulation for treatment of advanced diabetic retinopathy. Transactions American Academy of Ophthalmology 76:984-989, 1972.**
5. **Schatz H and Mendelblatt F: Solar retinopathy from sun-gazing under the influence of LSD. British Journal of Ophthalmology 57:270-273, 1973.**
6. **Patz A, Schatz H, Berkow JW, Gittelsohn AM, and Ticho U: Macular edema - an overlooked complication of diabetic retinopathy. Transactions American Academy of Ophthalmology and Otolaryngology 77:34-42, January-February 1973.**
7. **Schatz H, George T, Liu J, Maumenee AE, and Patz A: Color fluorescein angiography: Its clinical role. Transactions American Academy of Ophthalmology and Otolaryngology 77:254-258, 1973.**
8. **Schatz H, and Patz A: Exudative senile maculopathy. Part I. Results of argon laser treatment. Archives of Ophthalmology 90:183-196, 1973.**
9. **Schatz H, and Patz A: Exudative senile maculopathy. Part II. Complications of argon laser treatment. Archives of Ophthalmology 90:197-202, 1973.**
10. **Schatz H, Maumenee AE, and Patz A: Geographic helicoid peripapillary choroidopathy: Clinical presentation and fluorescein angiographic findings. Transactions American Academy of Ophthalmology and Otolaryngology 78:747-761, 1974.**
11. Kelley JS, Patz A, and Schatz H: Management of retinal branch vein occlusion: The role of argon laser photocoagulation. Annals of Ophthalmology 6:1123-1134, 1974.
12. Schatz H: Central serous chorioretinopathy and serous detachment of the retinal pigment epithelium. International Ophthalmology Clinics. Vol 15, No 1:159-168, 1975.
13. Schatz H: The senile maculopathies and retinal pigment epithelium. International Ophthalmology Clinics. Vol 15 No 1:169-180, 1975.
14. Schatz H: Other retinal pigment epithelial diseases. International Ophthalmology Clinics. Vol 15, No 1:181-197, 1975.
15. Blunt ocular trauma: Posterior polar changes. Transactions American Ocularists Society, pp. 183-193, 1975-76.

PUBLICATIONS (Peer Review Scientific Articles in Bold),

LETTERS, EDITORIALS, CHAPTERS, REVIEWS

16. Schatz H, Yannuzzi LA, and Stransky TJ: Retinal detachment secondary to branch vein occlusion: Part I and Part II. *Annals of Ophthalmology* 8:1437-1471, 1976.
17. Schatz H: Flow sheet for the interpretation of the fluorescein angiograms. [letter] *Archives of Ophthalmology* 94:687, 1976.
18. **Schatz H, and Patz A: Cystoid maculopathy in diabetics. *Archives of Ophthalmology* 94:761-768, 1976.**
19. Schatz H: A modified stereo viewer. (New Instrument Section) *Transactions American Academy of Ophthalmology and Otolaryngology* 81:938-940, 1976.
20. **Schatz H, Yannuzzi LA, and Gitter KA: Subretinal neovascularization following argon laser photocoagulation treatment for central serous chorioretinopathy: Complications or misdiagnosis? *Transactions American Academy of Ophthalmology and Otolaryngology* 83:893-906, 1977.**
21. Schatz H: Subretinal neovascularization: Clinical findings and fluorescein angiographic characteristics. *Perspectives in Ophthalmology* 1:59-69, 1977.
22. Schatz H: An additional knot for stay sutures in retinal detachment surgery. [letter] *Archives of Ophthalmology* 96:543, 1978.
23. Schatz H: Retinal neovascularization and Behcet's disease. [letter] *Archives of Ophthalmology* 96:729, 1978.
24. **Waltman DD, Gitter KA, Yannuzzi LA, and Schatz H: Choroidal neovascularization associated with choroidal nevi. *American Journal of Ophthalmology* 85:704-710, 1978.**
25. **Rabb MF, Burton TC, Schatz H, and Yannuzzi L A: Fluorescein angiography of the fundus: A schematic approach to interpretation. *Survey of Ophthalmology* 22:387-403, 1978.**
26. Schatz H: Concerning aging: A comment on terminology. [letter] *JAMA* Vol 239, No 3, page 190, 1978.
27. Schatz H: Sloughing of skin following fluorescein extravasation. *Annals of Ophthalmology* Vol 10, No 5, 1978.
28. Personal interview between Benjamin F. Boyd, M.D. and Howard Schatz, M.D. *Highlights of Ophthalmology*, 20th Anniversary Edition, Vol XV, pp. 684-690, 1978-79.
29. Methlyphenidate abuse produces retinopathy. [letter] *JAMA* 241:546, February, 1979.
30. **O'Donnell FE, Schatz H, Reid P, and Green WG: Autosomal dominant dystrophy of the retinal pigment epithelium. *Archives of Ophthalmology* 97:680-683, 1979.**
31. Schatz H: Panretinal photocoagulation. [letter] *Archives of Ophthalmology* 97:2212, 1979.

PUBLICATIONS (Peer Review Scientific Articles in Bold),

LETTERS, EDITORIALS, CHAPTERS, REVIEWS

32. **Schatz H, and Drake M: Self-injected retinal emboli. Transactions American Academy of Ophthalmology 86:468-483, 1979.**
33. **Char DH, Stone RD, Crawford JB, Wallyn R, Irvine AR, Hilton GF, Schatz H, Schwartz A, and Lonn L: Diffuse melanoma of the choroid. British Journal of Ophthalmology 64:178-180, 1980.**
34. **Vine A, and Schatz H: Adult-onset foveomacular pigment epithelial dystrophy. American Journal of Ophthalmology 89:680-691, 1980.**
35. Subretinal Neovascularization. Current Ocular Therapy. W.B. Saunders Company, pp. 567-570, August, 1980.
36. Schatz H: A technique for comparing past fundus photographs with present fundus conditions. [letter] Archives of Ophthalmology 98:2244, 1980.
37. Schatz H: Occlusion of the central retinal vein. [letter] American Journal of Ophthalmology 91:118-119, 1981.
38. Schatz H: Indications for argon laser photocoagulation treatment of macular, pigment epithelial, and choroidal disease. International Ophthalmology Clinics 21:71-86, 1981.
39. Vine AK, and Schatz H: Inflammatory diseases of the retinal pigment epithelium. International Ophthalmology Clinics 21:119, 1981.
40. Vine AK, and Schatz H: Bilateral posterior internal ophthalmomyiasis. Annals of Ophthalmology 13:1041-1043, 1981.
41. Schatz H: Three-way adjustable armrest for fluorescein angiography. American Journal of Ophthalmology 93:244, 1982.
42. Schatz H, and Farkas WS: Nausea from fluorescein angiography. [letter] American Journal of Ophthalmology 93:370-371, 1982.
43. Schatz H, and Thier MD: Angled tying utility forceps for retinal reattachment surgery. Ophthalmic Surgery 13:503 and 506, 1982.
44. Schatz H: Cyclic macular edema. [letter] American Journal of Ophthalmology 95:403-404, 1983.
45. **Kincaid J, and Schatz H: Bilateral retinal arteritis with multiple aneurysmal dilatations. Retina 3:171-178, 1983.**
46. **Trimble SN, and Schatz H: Choroidal osteoma following intraocular inflammation. American Journal of Ophthalmology 96:759-764, 1983.**
47. Schatz H: Hot cautery canthotomy. Ophthalmic Surgery 14:965, 1983.

PUBLICATIONS (Peer Review Scientific Articles in Bold),

LETTERS, EDITORIALS, CHAPTERS, REVIEWS

48. **Nikoskelainen E, Hoyt WF, Nummelin C, and Schatz H: Fundus findings in Leber's hereditary optic neuroretinopathy. III. Fluorescein angiographic studies. Archives of Ophthalmology 102:981-989, 1984.**
49. **Imes RK, Schatz H, Hoyt WF, Monteiro MLR, and Narahara M: Evolution of optociliary veins in optic nerve sheath meningioma. Archives of Ophthalmology 103:59-60, 1985.**
50. **Johnson R, and Schatz H: Delayed choroidal vascular filling after krypton laser photocoagulation. American Journal of Ophthalmology 99:154-158, 1985.**
51. **McDonald HR, and Schatz H: Visual loss following panretinal photocoagulation for proliferative diabetic retinopathy. Ophthalmology 92:388-393, 1985.**
52. **McDonald HR, and Schatz H: Macular edema following panretinal photocoagulation. RETINA 5(1):5-10, 1985.**
53. Fluorescein dye extravasation. Journal of Ophthalmic Photography, Vol 7:96, 1985.
54. Hypercholesterolemia - Nicotinic Acid. San Francisco Medicine p.5, March, 1985.
55. **Morgan CM, and Schatz H: Idiopathic macular holes. American Journal of Ophthalmology 99:437-444, 1985.**
56. **McDonald HR, and Schatz H: Grid photocoagulation for diffuse macular edema. RETINA 5(2):65-72, 1985.**
57. Prevention of Fluorescein Dye Extravasation. [letter] American Journal of Ophthalmology 103:895, 1985.
58. Recurrent Subretinal Neovascularization. Discussant of paper by Drs. Sorenson, Yannuzzi, and Shakin. Ophthalmology 92:1059-1074, 1985.
59. **Morgan CM, and Schatz H: Involutional macular thinning. A pre-macular hole condition. Ophthalmology 93:153-161, 1986.**
60. **Trimble SN, and Schatz H: Subretinal neovascularization following metallic intraocular foreign-body trauma. Archives of Ophthalmology 104:515-519, 1986.**
61. **McDonald HR, Schatz H, Allen AW, Chenoweth RG, Cohen HB, Crawford JB, Klein R, May DR, and Snider JD: Retinal toxicity secondary to intraocular gentamicin injection. Ophthalmology 93:871-877, 1986.**
62. **Morgan CM, and Schatz H: Recurrent multifocal choroiditis. Ophthalmology 93:1138-1147, 1986.**
63. Acute ischemic retinopathy due to gentamicin injection. [letter] JAMA 256:1725-1726, 1986.

PUBLICATIONS (Peer Review Scientific Articles in Bold),

LETTERS, EDITORIALS, CHAPTERS, REVIEWS

64. **Gelber GS, and Schatz H: Loss of vision due to central serous chorioretinopathy following psychological stress. American Journal of Psychiatry 144:46-50, 1987.**
65. **Jaffe G, and Schatz H: Ocular manifestations of preeclampsia. American Journal of Ophthalmology 103:309-315, 1987.**
66. **Hardy RA, and Schatz H: Macular geographic helicoid choroidopathy. Archives of Ophthalmology 105:1237-1242, 1987.**
67. **Johnson RN, and Schatz H, and McDonald HR: Photic maculopathy: Early angiographic and ophthalmoscopic findings and late development of choroidal folds. Archives of Ophthalmology 105:1633-1634, 1987.**
68. **Schatz H, and McDonald HR: Treatment of sensory retinal detachment associated with optic nerve pit coloboma. Ophthalmology 95:178-186, 1988.**
69. **McDonald HR, Schatz H, and Aaberg TM: Reticular-like pigmentary patterns in pseudoxanthoma elasticum. Ophthalmology 95:306-311, 1988.**
70. **Trimble SN, Schatz H, and Schneider GB: Spontaneous decalcification of a choroidal osteoma. Ophthalmology 95:631-634, 1988.**
71. **Morgan CM, Schatz H, Vine AK, Cantrill HL, Davidorf FH, Gitter KA, and Rudich R: Ocular complications associated with retrobulbar injections. Ophthalmology 95:660-665, 1988.**
72. **Jaffe G, and Schatz H: Histopathologic features of adult-onset foveomacular pigment epithelial dystrophy. Archives of Ophthalmology 106:958-960, 1988.**
73. **Lowe MA, McDonald HR, Campo RV, Boyer DS, and Schatz H: Pneumatic retinopexy: surgical results. Archives of Ophthalmology 106:1672-1676, 1988.**
74. Book Review: Stereoscopic Atlas of Macular Diseases by J. Donald M. Gass. St. Louis, C.V. Mosby Co., in: RETINA 8:290, 1988
75. Central Serous Chorioretinopathy - the Etiology of Sequelae. [letter] Ophthalmology 95:1007, 1988.
76. **Morgan CM, Schatz H: Atrophic creep of the retinal pigment epithelium after focal macular photocoagulation. Ophthalmology 96:96-103, 1989.**
77. Autosomal Recessive Pericentral Pigmentary Retinopathy. [letter] American Journal of Ophthalmology 107:438, April, 1989.
78. **Vander JF, Morgan CM, Schatz H: Growth rate of subretinal neovascularization in age-related macular degeneration. Ophthalmology 96:1422-1429, 1989.**
79. **Schatz H, McDonald HR: Atrophic macular degeneration: Rate of spread of geographic atrophy and visual loss. Ophthalmology 96:1541-1551, 1989.**

PUBLICATIONS (Peer Review Scientific Articles in Bold),
LETTERS, EDITORIALS, CHAPTERS, REVIEWS

80. Background Diabetic Retinopathy. Current Therapy in Ophthalmic Surgery, Philadelphia, B.C. Decker Inc., pp. 234-236, 1989.
81. Fluorescein Angiography: Basic Principles and Interpretation, 2(57):3-77; Geographic Helicoid Peripapillary Choroidopathy (GHPC: Serpiginous Choroiditis), 2(104):705-713; Introduction to Epiretinal Membranes, 2(113):789-795. "Retina," St. Louis, C.V. Mosby Co., 1989.
82. Central Serous Chorio-retinopathy - The If's and When's of Treatment. Ophthalmic Clinical Debates, Chicago, Year Book Medical Publishers pp. 234-235, 1989.
83. Retinal Arterial Macroaneurysm. Laser Photocoagulation of the Macula, Philadelphia, J.B. Lippincott Company, pp. 103-113, 1989.
84. **Weinberg D, Jampol LM, Schatz H, Brady KD: Exudative retinal detachment following central and hemicentral retinal vein occlusions. Archives of Ophthalmology 108:271-275, 1990.**
85. **Schatz H, McDonald HR, Johnson RN: Retinal pigment epithelial folds associated with retinal pigment epithelial detachment in macular degeneration. Ophthalmology 97:658-665, 1990.**
86. **The Collaborative Ocular Melanoma Group: Accuracy of diagnosis of choroidal melanomas in the Collaborative Ocular Melanoma Study. Archives of Ophthalmology 108:1268-1273, 1990.**
87. White Dot Chorioretinal Inflammatory Syndromes. Focal Points, American Academy of Ophthalmology 1990 Clinical Modules, Vol. VIII, Module 11.
88. **McDonald HR, Schatz H, Johnson RN. Tissue Plasminogen Activator for Post-Vitrectomy Fibrin Formation. Retina 10:317-318, 1990.**
89. McDonald HR, Schatz H, Johnson RN, Madeira D. Acquired macular disease in: Duane's Clinical Ophthalmology. Tasman W, Jaeger EA eds., J.B. Lippincott Company, 1990.
90. McDonald HR, Schatz H, Johnson RN: Ocular phototoxicity. Current Opinion in Ophthalmology 1:280-284, 1990.
91. **Trimble SN, Schatz H: Decalcification of a choroidal osteoma. British Journal of Ophthalmology 75:61-63, 1991.**
92. **Schatz H, Fong ACO, McDonald HR, Johnson RN, et al: Cilioretinal artery occlusion with central retinal vein occlusion. Ophthalmology 98:594-601, 1991.**
93. **Schatz H, Green WR, Talamo JH, Hoyt WF, Johnson RN, McDonald HRM: Clinicopathologic correlation of retinal to choroidal venous collaterals of the optic nerve head. Ophthalmology 98:1287-1293, 1991.**
94. **Schatz H, Madeira D, McDonald HR, Johnson RN: Progressive enlargement of laser scars following grid laser photocoagulation for diffuse macular edema. Archives of Ophthalmology 109:1549-1551, 1991.**

PUBLICATIONS (Peer Review Scientific Articles in Bold),

LETTERS, EDITORIALS, CHAPTERS, REVIEWS

95. **Schatz H, Madeira D, Johnson RN, McDonald HR: Central serous chorioretinopathy occurring in patients 60 years of age and older. Ophthalmology 99:63-67, 1992.**
96. **Schachat AP, Robertson DM, Mieler WF, Schwartz D, Augsburger JJ, Schatz H, Gass JDM: Sclerochoroidal calcification. Archives of Ophthalmology 110:196-199, 1992.**
97. **Fong ACO, Schatz H, McDonald HR, et al: Central retinal vein occlusion in young adults (papillophlebitis). Retina 12:3-11, 1992.**
98. **Protzko EE, Schatz H, Raymond WR, McDonald HR, Johnson RN: Bread crumb-flecked retinopathy. Retina 12:21-23, 1992.**
99. Schatz H: Differential diagnosis of dots, spots, flecks, and specks of the fundus. Retina 12:67-69, 1992.
100. Gross-Jendroska M, Schatz H, McDonald HR, Johnson RJ: Kearns-Sayre syndrome: a case report and review. European Journal of Ophthalmology 2:15-20, 1992.
101. McDonald HR, Schatz H, Johnson RN: Treatment of retinal detachment associated with optic pits. International Ophthalmology Clinics 32:35-42, 1992.
102. Schatz H, Madeira D, McDonald HR, Johnson RN: Progressive enlargement of laser scars following grid laser photocoagulation for diffuse macular edema. Archives of Ophthalmology (Spanish Edition) 3:82-84, 1992.
103. **Schatz H, Chang LE, Ober RR, McDonald HR, Johnson RN: Central retinal vein occlusion associated with retinal arteriovenous malformation. Ophthalmology 1993;100:24-30.**
104. **Fong ACO, Schatz H: Central retinal vein occlusion in young adults. Survey of Ophthalmology 1993;37:393-417.**
105. McDonald HR, Schatz H, Johnson RN: Aminoglycoside toxicity. Seminars in Ophthalmology 8:136-143, 1993.
106. The Collaborative Ocular Melanoma Group: Complications of Enucleation Surgery, COMS Report Number 2. Trans New Orleans Acad Ophthalmol 1992:181-190.
107. **The Collaborative Ocular Melanoma Group: Design and Methods of a Clinical Trial for a Rare Condition, COMS Report No. 3. Controlled Clinical Trials 14:362-391, 1993.**
108. **Schatz H, Osterloh MD, McDonald HR, Johnson RN: Development of retinal vascular leakage and cystoid macular oedema secondary to central serous chorioretinopathy. British Journal of Ophthalmology 77:744-746, 1993.**
109. **Schatz H, Atienza D, McDonald HR, Johnson RN: Severe diabetic retinopathy after cataract surgery. American Journal of Ophthalmology 117:314-321, 1994.**
110. **McDonald HR, Kazacos KR, Schatz H, Johnson RN: Two cases of intraocular infection with *Alaria mesocercaria* (Trematoda). American Journal of Ophthalmology 117:447-455, 1994.**

PUBLICATIONS (Peer Review Scientific Articles in Bold),

LETTERS, EDITORIALS, CHAPTERS, REVIEWS

111. McDonald HR, Johnson RN, Madeira D, Schatz H: Surgical results for proliferative vitreoretinopathy. *European Journal of Ophthalmology* 4:267-273, 1994.
112. **McDonald HR, Johnson RN, Schatz H: Surgical results in the vitreomacular traction syndrome. *Ophthalmology* 101:1397-1403, 1994.**
113. **Schatz H, McDonald HR, Johnson RN, et al: Subretinal Fibrosis in Central Serous Chorioretinopathy. *Ophthalmology* 102:1077-1088, 1995.**
114. Park D, Schatz H, McDonald HR, Johnson RN: Acute Multifocal Posterior Placoid Pigment Epitheliopathy: A Theory of Pathogenesis. [Brief Report] *Retina* 15:351-352, 1995.
115. Editorial: Diagnostic and Therapeutic Challenges section. [Case Report: Bilateral Retinal Arteritis with Multiple Aneurysmal Dilatations] *Retina* 15:348-350, 1995.
116. **Park D, Schatz H, McDonald HR, Johnson RN: Indocyanine Green Angiography of Acute Multifocal Posterior Placoid Pigment Epitheliopathy. *Ophthalmology* 102:1877-1883, 1995.**
117. McDonald HR, Schatz H, Johnson RN: Peripheral Retinal Capillary Hemangiomas. *Journal of Ophthalmic Photography* 17:64-65, 1995.
118. Editorial: Diagnostic and Therapeutic Challenges section. [Case Report: Choroidal Vascular Occlusive Disease] *Retina* 15:524-526, 1995.
119. **McDonald HR, Schatz H, Johnson RN, Abrams GW et al: Vitrectomy in Eyes with Peripheral Retinal Angioma Associated with Traction Macular Detachment. *Ophthalmology* 103:329-335, 1996.**
120. Editorial: Diagnostic and Therapeutic Challenges section. [Case Report: Diagnosis unknown] *Retina* 16:70-72, 1996.
121. Editorial: Diagnostic and Therapeutic Challenges section. [Case Report: Serpiginous Choroiditis] *Retina* 16:157-159, 1996.
122. Editorial: Diagnostic and Therapeutic Challenges section. [Case Report: Fibrovascular Mass] *Retina* 16:255-256, 1996.
123. Editorial: Diagnostic and Therapeutic Challenges section. [Case Report: Capillary Hemangioma] *Retina* 16:337-340, 1996.
124. Editorial: Diagnostic and Therapeutic Challenges section. [Case Report: Choroidal Neovascularization] *Retina* 16:440-443, 1996.
125. **Park D, Schatz H, McDonald HR, Johnson RN: Fibrovascular Tissue in Bilateral Juxtafoveal Telangiectasis. *Archives of Ophthalmology* 114:1092-1096, 1996.**

PUBLICATIONS (Peer Review Scientific Articles in Bold),

LETTERS, EDITORIALS, CHAPTERS, REVIEWS

126. Editorial: Diagnostic and Therapeutic Challenges section. [Case Report: Diagnosis unknown] *Retina* 16:535-537, 1996.
127. **Cunningham Jr., ET, Schatz H, McDonald HR, Johnson RN: Acute Multifocal Retinitis. American Journal of Ophthalmology 123:347-357, 1997.**
128. **Arroyo JG, Schatz H, McDonald HR, Johnson RN: Indocyanine Green Videoangiography after Acute Retinal Pigment Epithelial Tears in Age-Related Macular Degeneration. American Journal of Ophthalmology 123:377-385, 1997.**
129. Schatz H., Park D, McDonald, HR, Johnson, RN: Chapter on "Acute Multifocal Posterior Placoid Pigment Epitheliopathy", in *Indocyanine Green Angiography*, Yannuzzi LA, Flower RW, Slakter JS, (eds.), Mosby-Year Book, Inc., St. Louis, Pg 239-246, 1997 .
130. Editorial: Diagnostic and Therapeutic Challenges section [Case Report: Asymmetric presentation of drusen] *Retina* 17:65-66, 1997.
131. Hyver SW, Schatz H, McDonald HR, Johnson RN: A Case of Visual Acuity Loss Following Laser Photocoagulation for Macular Drusen [Case Report]. *Archives of Ophthalmology* 115:554-555, 1997.
132. Editorial: Diagnostic and Therapeutic Challenges section [Case Report] *Retina* 17:154-1596, 1997.
133. **Park DW, Schatz H, McDonald HR, Johnson RN: Ring Retinal Pigment Epithelial Window Defect of the Macula in Central Serous Chorioretinopathy. Retina 17:205-210, 1997.**
134. Editorial: Diagnostic and Therapeutic Challenges section [Case Report:VKH] *Retina* 17:247-250, 1997.
135. **The Collaborative Ocular Melanoma Study Group: Mortality in Patients with Small Choroidal Melanoma, COMS Report No. 4. Archives of Ophthalmology 115:886-893, 1997.**
136. Editorial: Diagnostic and Therapeutic Challenges section [Case Report] *Retina* 17:344-348, 1997.
137. **Park DW, Schatz H, McDonald HR, Johnson RN: Grid Laser Photocoagulation for Macular Edema in Bilateral Juxtafoveal Telangiectasis. Ophthalmology 104:1838-1846, 1997.**
138. Editorial: Diagnostic and Therapeutic Challenges section [Case Report] *Retina* 17:440-443, 1997.
139. Editorial: Diagnostic and Therapeutic Challenges section [Case Report] *Retina* 17:444-448, 1997.
140. **Johnson RJ, McDonald RM, Schatz H, Ai E. Outpatient postoperative fluid-gas exchange after early failed vitrectomy surgery for macular hole. Ophthalmology 104:2009-2013, 1997.**
141. **Cunningham, ET, Jr, McDonald HR, Schatz H, Johnson RN, Ai E, Grand MG: Inflammatory mass of the optic nerve head associated with systemic Bartonella henselae infection [Case Report]. Archives of Ophthalmology 115:1596-1597, 1997.**

PUBLICATIONS (**Peer Review Scientific Articles in Bold**),

LETTERS, EDITORIALS, CHAPTERS, REVIEWS

142. Editorial: Diagnostic and Therapeutic Challenges section [Case Report] *Retina* 17:547-550, 1997.
143. Editorial: Diagnostic and Therapeutic Challenges section [Case Report] *Retina* 18:67-69, 1998.
144. Park DW, Schatz H, Gaffney MM, McDonald HR, Johnson RN, Schaeffer D: Central serous chorioretinopathy in two families. *European Journal of Ophthalmology* 8:42-47, 1998.
145. Editorial: Diagnostic and Therapeutic Challenges section [Case Report] *Retina* 18:174-175, 1998.
- 146. The Collaborative Ocular Melanoma Study Group. Histopathologic Characteristics of Uveal Melanomas in Eyes Enucleated from the Collaborative Ocular Melanoma Study, COMS Report No. 6. *Am J Ophthalmol* 125:745-766, 1998.**
- 147. The Collaborative Ocular Melanoma Study Group. Collaborative Ocular Melanoma Study Randomized Trial or Pre-enucleation Radiation of Large Choroidal Melanoma. I: Characteristics of Patients Enrolled and Not Enrolled, COMS Report No. 9. *Am J Ophthalmol* 125:767-778, 1998.**
- 148. The Collaborative Ocular Melanoma Study Group. Collaborative Ocular Melanoma Study Randomized Trial or Pre-enucleation Radiation of Large Choroidal Melanoma. II: Initial Mortality Findings, COMS Report No. 10. *Am J Ophthalmol* 125:779-796, 1998.**
149. Editorial: Diagnostic and Therapeutic Challenges section [Case Report] *Retina* 18:269-272, 1998.
150. Editorial: Diagnostic and Therapeutic Challenges section [Case Report] *Retina* 18:373-375, 1998.
- 151. The Collaborative Ocular Melanoma Study (COMS) Randomized Trial of Pre-enucleation Radiation of Large Choroidal Melanoma. III: Local Complications and Observations Following Enucleation, COMS Report No. 11. *Am J Ophthalmol* 126:362-372, 1998.**
152. Editorial: Diagnostic and Therapeutic Challenges section [Case Report] *Retina* 18:466-469, 1998.
- 153. Ahmed I, McDonald HR, Schatz H, Johnson RN, Ai E, et al. Crystalline retinopathy associated with chronic retinal detachment. *Archives of Ophthalmology* 116:1449-1453, 1998.**
- 154. Johnson RJ, McDonald HR, Schatz H. Rash, fever, and chills after intravenous fluorescein angiography. *American Journal of Ophthalmology* 126:837-838, 1998.**
155. Editorial: Diagnostic and Therapeutic Challenges section [Case Report] *Retina* 19:69-74, 1999.
- 156. Fekrat S, Wilkinson CP, Chang B, Yannuzzi L, Schatz H, Haller JA. Acute annular outer retinopathy: Report of four cases. *American Journal of Ophthalmology* 130:636-644, 2000.**
- 157. Dubovy SR, Hairston RJ, Schatz H, Schachat AP, et al: Adult-onset foveomacular pigment epithelial dystrophy: Clinicopathologic correlation of three cases. *Retina* 20:638-649, 2000.**

PUBLICATIONS (Peer Review Scientific Articles in Bold),

LETTERS, EDITORIALS, CHAPTERS, REVIEWS

158. Johnson RN, Schatz H, McDonald HR, Ai E. Chapter contributed on "Fluorescein Angiography: Basic Principles and Interpretation", in Retina (3rd ed), Mosby, Inc., St. Louis, Chapter 55:, 2001:875-942.
159. Schatz H, McDonald HR, Johnson RN, Ai E. Chapter contributed on "Geographic Helicoid Peripapillary Choroidopathy (Serpiginous Choroiditis)", in Retina (3rd ed), Mosby, Inc., St. Louis, Chapter 107:1746-1755, 2001.
160. McDonald HR, Johnson RN, Ai E, Schatz H. Chapter contributed on "Macular Epiretinal Membranes", in Retina (3rd ed), Mosby, Inc., St. Louis, Chapter 151:2531-2546, 2001.

BOOKS

1. Schatz H: Fundus Fluorescein Angiography: A Composite Slide Collection. San Francisco, First Edition Retina Research Fund 1975; Second Edition, New York, Appleton-Century-Croft, 1976.
2. Schatz H, Burton TC, Yannuzzi LA, and Rabb MF: Interpretation of Fundus Fluorescein Angiography. St. Louis, C V Mosby Co., 1978.
3. Yannuzzi LA, Gitter KA, and Schatz H: The Macula. New York, Williams and Wilkins, 1979.
4. Schatz H: Laser Treatment of Fundus Disease: A Comprehensive Text and Composite Slide Collection. California, Pacific Medical Press, 1980.
5. Schatz H: Essential Fluorescein Angiography: A Compendium of 100 Classic Cases. California, Pacific Medical Press, 1983.
6. Gitter KA, Schatz H, Yannuzzi LA, and McDonald HR, Editors: Laser Photocoagulation of Retinal Disease. San Francisco, Pacific Medical Press, 1988.
7. Schatz H, Stolarczuk MM, McDonald HR, Johnson RJ: California Resource Directory for the Blind and Visually Impaired. San Francisco, Retina Research Fund, 1991.

PATIENT EDUCATION BOOKLETS

1. Schatz H, McDonald HR: For Our Patients: Macular Degeneration. San Francisco, The Retina Research Fund, 1987. New editions 1989, 1991, 1993, 1994, 1997.
2. Schatz H, McDonald HR: For Our Patients: Diabetic Retinopathy. San Francisco, The Retina Research Fund, 1988. New editions 1990, 1992, 1994, 1996, 1998.
3. McDonald HR, Schatz H, Johnson RJ: For My Patient: Retinal Detachment and Vitreous Surgery. San Francisco, The Retina Research Fund, 1989. New editions 1991, 1993, 1995, 1998.

FILMS, VIDEO, TAPES

1. Schatz H: A Method of Slit Lamp Contact Lens Examination (Film), 1976.
2. American Academy of Ophthalmology and Otolaryngology Certificate of Participation in The Film Program in Ophthalmology (Academy Film Program), Dallas, October, 1977.
3. Schatz H: Retinal Detachment Surgery (Film), 1980.
4. Schatz H: Subretinal Neovascularization: Diagnosis and Diagnoses. American Academy of Ophthalmology, Video Cassette Teaching Program, 1980.
5. Schatz H: Subretinal Neovascularization, Management. American Academy of Ophthalmology, Video Cassette Teaching Program, 1980.
6. Schatz H: Subretinal Neovascularization, Diagnosis. EyeSat Video Course in Ophthalmology, 1983.
7. Schatz H: Central Serous Retinopathy. EyeSat Video Course in Ophthalmology, 1983.
8. Schatz H: Grand Rounds in Retina. Video Journal of Ophthalmology, Volume V, No. 5, October 1989.

EXHIBITS

1. "Vascular Manifestations of Diabetic Retinopathy, Sickle Cell Anemia, and Other Retinal Diseases;" with Dr. Arnall Patz, et al; National Medical Association, Philadelphia, August, 1971.
2. "Argon Laser Photocoagulation I: Indication - Methods - Complications;" with Dr. Arnall Patz, et al; American Academy of Ophthalmology and Otolaryngology, Las Vegas, October, 1971.
3. "Argon Laser Photocoagulation II: Indications - Methods - Complications;" with Dr. Arnall Patz, et al; Medical and Surgical Faculty of the State of Maryland, 1972.
4. "Diseases of the Macula: Diagnosis and Treatment;" with Dr. Arnall Patz, et al' American Academy of Ophthalmology and Otolaryngology, Dallas, October, 1972.
5. "Interpretation of Fluorescein Angiography: A Schematic Approach;" Course on the Macula, San Francisco, October 1975.
6. "Interpretation of Fluorescein Angiography: A Schematic Approach;" American Academy of Ophthalmology and Otolaryngology, Las Vegas, October, 1976.
7. "Intraocular Tumors;" American Academy of Ophthalmology; with the Ophthalmic Oncology Board University of California Department of Ophthalmology, San Francisco, November, 1979.
8. "Current Evaluation and Management of Macular Diseases;" with Lawrence Singerman, et al, American Academy of Ophthalmology and Otolaryngology San Francisco, November, 1981.
9. "Current Evaluation and Management of Macular Disease;" Macula Society Exhibit, Sarasota, Florida, May, 1982.
10. "Evaluation and Management of Proliferative Retinopathies;" with Lawrence Singerman, et al, American Academy of Ophthalmology and Otolaryngology, San Francisco, November, 1982.

AWARDS, HONORS

1. Head of Intern Staff; Cook County Hospital, Chicago, 1965-66.
2. Awarded United States Public Health Services Grant 5-T1-NBP-5195 from the National Institute of Neurological Diseases and Blindness, 1968 and 1969.
3. Best Paper; Chicago Ophthalmological Society, April, 1969.
4. Surgeon General's Award for Best Paper; Society of Air Force Surgeons, May, 1971.
5. Seeing Eye Fellowship (to study Retinal and Macular Disease and Argon Laser Photocoagulation) with A. Patz, M.D., Wilmer Institute, 1971-72.
6. Wilmer Institute Fellowship (to study Retinal Detachment Surgery) with L. H. Pierce, M.D., 1972.
7. Awarded Grant, S M P to study 25% Fluorescein for Angiography, 1972.
8. Consultant in Retinal Diseases and Fluorescein Angiography, Sinai Hospital, Ophthalmology Staff and Residents, Baltimore, Maryland, 1972.
9. Outstanding Scientific Exhibit Award, Medical and Surgical Faculty, State of Maryland, 1972.
10. Physician's Recognition Award, American Medical Association, 1974.
11. Guest Lecturer, Wilmer Ophthalmological Institute, January, 1975.
12. Guest Lecturer, Oregon Academy of Ophthalmology and Otolaryngology, Portland, March, 1975.
13. Guest Lecturer, American Retina Society, St. Louis, September, 1975.
14. San Francisco Medical Society Nominee for American Medical Association Annual Brookdale Award as an Outstanding Physician, April, 1976.
15. California Medical Association Nominee for Annual Brookdale Award in Medicine, May, 1976.
16. Honor Award Recipient, American Academy of Ophthalmology and Otolaryngology (Educational Programs contributions), 1977.
17. James E. McDonald M.D., Lecturer Award, Speaker, November, 1977.
18. San Francisco Medical Society Nominee for Annual Arnold and Marie Schwartz Award in Medicine, 1978.
19. Distinguished Junior Part-Time Professor, For Outstanding Teaching Department of Ophthalmology, University of California, San Francisco, April, 1978.
20. Dr. William Beaumont Award, American Medical Association, April, 1981.
21. Physician's Recognition Award, American Medical Association, April, 1981.
22. Physician's Recognition Award, American Medical Association, March, 1984.

AWARDS, HONORS

23. The Brown Memorial Lecture presented at Ohio State University, 30th Annual Postgraduate Symposium in Ophthalmology, March, 1987.
24. Senior Service Certificate, American Academy of Ophthalmology, 1987.
25. Arlo A. Morrison Lecturer Award, California Association of Ophthalmology, September, 1988.
26. Physician's Recognition Award, American Medical Association, 1988.
27. Second Annual Vallotton Lecturer Award, The Medical University of South Carolina, Charleston, 1990.
28. Crowell Beard Award for Excellence in Teaching, Department of Ophthalmology, University of California, San Francisco, 1991.
29. Paul Chandler Professorship Lecturer Award, Harvard Medical School, Massachusetts Eye and Ear Infirmary, Boston, 1991.
30. Paul Henkind Lecture Award, American Macula Society, Palm Springs, 1994.
31. The LuEsther T. Mertz Vitreous-Retina-Macular Lectureship Award, Manhattan Eye, Ear & Throat Hospital, New York, March 12, 1996.

COURSES TAUGHT

1. Alport's Syndrome in a Negro Kindred; Chicago Ophthalmological Society, Chicago, April, 1969.
2. An Instrument for the Quantification of Ocular Torticollis (Head, Turn, Tilt and Bend); American Academy of Ophthalmology and Otolaryngology, Las Vegas, October, 1970.
3. Ocular Torticollis: Etiology and Treatment; Southern Orthoptic Association, Tampa, April, 1971.
4. Sarcomatous Transformation of a Benign Orbital Neurilemoma (in a patient with von Recklinghausen's Disease); Society of Air Force Surgeons, San Antonio, May, 1971.
5. Solar Retinopathy from Sun Gazing Under the Influence of LSD; American Medical Association, Atlantic City, June, 1971.
6. Clinical and Pathologic Aspects and Treatment of Diabetic Retinopathy; National Medical Association, Philadelphia, August, 1971.
7. Argon Laser - Clinical Usage; Brooklyn and Long Island Chapters - American College of Surgeons, Baltimore, September, 1971.
8. An Introduction to Fluorescein Angiography; Wilmer Ophthalmologic Staff; Johns Hopkins Hospital, Baltimore, November, 1971.
9. Diabetic Retinopathy - Current Concepts and Therapy Medical Staff; Baltimore City Hospital, Baltimore, November, 1971.
10. Therapy of Diabetic Retinopathy; Johns Hopkins Medical Association Meeting on Diabetes, Baltimore, April, 1972.
11. Fluorescein Angiography: Current Status; Thirty-first Scientific Meeting Wilmer Residents' Association, Baltimore, April, 1972.
12. Exudative Senile Maculopathy: Current Concepts and Results of Argon Laser Photocoagulation; Wilmer Ophthalmologic Staff, Baltimore, June, 1972.
13. Management of Exudative Senile Maculopathy; American Medical Association, San Francisco, June, 1972.
14. Color Fluorescein Angiography; American Academy of Ophthalmology and Otolaryngology, Dallas, October, 1972.
15. Argon Laser Photocoagulation: Results in Exudative Senile Maculopathy; Manhattan Eye, Ear, Nose and Throat Hospital, New York, November, 1972.
16. Angioid Streaks; Medicine - Ophthalmology Systemic Disease Conference; Johns Hopkins University, Baltimore, November, 1972.
17. Purtscher's Retinopathy; Department of Ophthalmology; University of California, Grand Rounds, San Francisco, April, 1973.

COURSES TAUGHT

18. Fluorescein Angiography and Macular Disease; Thirty-second Scientific Meeting; Wilmer Residents' Association, Baltimore, April, 1973.
19. Retinal Vascular Disease; Department of Ophthalmology Kaiser Hospital, San Francisco, April, 1973.
20. The Retina in Medical Disease; Children's Hospital Medical Staff, Baltimore, May, 1973.
21. Complications of Argon Laser Photocoagulation in Treatment of Senile Disciform Maculopathy; Third Annual Meeting of Bay Area Eye Residents and Fellows, San Francisco, May, 1973.
22. Senile Disciform Macular Degeneration; Department of Ophthalmology; Cedars-Sinai Medical Center, Los Angeles, May, 1973.
23. Exudative Senile Maculopathy; Ophthalmology Staff; Marin General Hospital, Marin County, May, 1973.
24. Diabetic Retinopathy Collaborative Study; Lane Medical Society, San Francisco, June, 1973.
25. Diseases of the Pigment Epithelium; Ophthalmology Staff; Laurel Grove Hospital, Castro Valley, California, June, 1973.
26. Pigment Epithelium and Choriocapillaris; Bruch's membrane; Reno Ophthalmology Association, Reno, Nevada, June, 1973.
27. Fluorescein Angiography and Diabetic Retinopathy; Children's Hospital Medical Staff, San Francisco, August, 1973.
28. The Macula - Current Concepts and Treatment (series of nine one hour lectures as visiting professor); Department of Ophthalmology; University of Texas Medical Branch, Galveston, August, 1973.
29. Geographic (Helicoid) Choroidopathy, American Academy of Ophthalmology and Otolaryngology, Dallas, October, 1973.
30. The Classification of Abnormal Fluorescence; Ophthalmic Photographer's Association, Dallas, October, 1973.
31. Traumatic Pigment Epitheliopathy; The American Retina Society, San Francisco, October, 1973.
32. The Macula: Diagnosis and Therapy; Ophthalmic Society, Bakersfield, California, November, 1973.
33. Classification of Abnormal Fluorescence; Alta California Ophthalmologic Society, Sacramento, November, 1973.
34. The Macula; Ophthalmology Department; Valley Medical Center, Fresno, California, November, 1973.
35. Fluorescein Angiography in the Diagnosis and Management of Macular Disease; Portland Eye Society; Dever's Eye Clinic, Good Samaritan Hospital, Portland, December, 1973.

COURSES TAUGHT

36. Fluorescein Angiography and Macular Disease; San Diego Ophthalmologic Society, San Diego, January, 1974.
37. Fluorescein Angiography; Department of Ophthalmology; Oakland Naval Hospital, Oakland, California, February, 1974.
38. Classification of Abnormal Fluorescence; Peninsula Eye Society, Palo Alto, February, 1974.
39. Senile Disciform Maculopathy at a Macular Diagnostic Clinic; University of California; Department of Ophthalmology; Grand Rounds, San Francisco, February, 1974.
40. Further Secrets in Macular Disease; Department of Ophthalmology; Cedars-Sinai Medical Center, Los Angeles, February, 1974.
41. A Classification of the Peripapillary Pigment Epithelial Diseases: A Problem of Nomenclature; Thirty-third Scientific Meeting Wilmer Residents' Association, Baltimore, April, 1974.
42. Treatment of Macular Pigment Epithelial Disease; Department of Ophthalmology; Community Hospital - Monterey Peninsula, Monterey, California, May, 1974.
43. Diagnosis and Treatment of Macular Disease; Puget Sound Academy of Ophthalmology, Seattle, May, 1974.
44. Fluorescein Angiographic Evaluation of the Macula Symposium: Macular Disease; Pacific Coast Oto-Ophthalmological Society, San Diego, June, 1974.
45. Peripapillary Pigment Epithelial Disease; Scientific Session, Pacific Coast Oto-Ophthalmological Society, San Diego, June, 1974.
46. Peripapillary Subretinal Neovascular Membrane Formation; University of California, Department of Ophthalmology, Grand Rounds, San Francisco, September, 1974.
47. Fluorescein Angiography of the Traumatized Eye; Seventeenth Annual Meeting, American Society of Ocularists; Dallas, October, 1974.
48. Fluorescein Interpretation; Series of Lectures and Conferences to Kaiser Ophthalmology Group, San Francisco, October, 1974.
49. Retinal Pearls; Loyola University, Ophthalmology Department, Chicago, November, 1974.
50. The Systemic Vascular Diseases - Their Effect on the Retina; Medical Grand Rounds, St. Mary's Hospital, San Francisco, November, 1974.
51. A Flow Sheet for Fluorescein Angiographic Interpretation, Riverside, California, December, 1974.
52. Histoplasmosis; Oakland Naval Base, Oakland, California, January, 1975.
53. Senile Macular Degeneration: Pathogenesis Diagnosis Treatment; East Bay Eye Society, Oakland, April, 1975.

COURSES TAUGHT

54. Subretinal Neovascularization Masquerading as Central Serous Chorioretinopathy; Thirty-fourth Scientific Meeting, Wilmer Residents' Association; Baltimore, April, 1975.
55. Intraocular Tumors; Pacific Coast Oto-Ophthalmological Society, Acapulco, Mexico, May, 1975.
56. The Macula; Eye Section; San Francisco Medical Society, San Francisco, May, 1975.
57. Lectures on Fundus Disease; Basic Lectures; University of California Medical Center, Department of Ophthalmology, San Francisco, August, 1975.
58. Clinical Fluorescein Angiography: Basics of Interpretation; American Retina Society (Guest Speaker), St. Louis, September, 1975.
59. A Modified Stereo Viewer; American Academy of Ophthalmology and Otolaryngology, Dallas, September, 1975.
60. Interpretation of Fluorescein Angiography; Ophthalmic Photographers Society, Dallas, September, 1975.
61. Subretinal Neovascularization Masquerading as Central Serous Chorioretinopathy; American Academy of Ophthalmology, Dallas, September, 1975.
62. Congenital Quadrant Arterio-Venous Shunts (clinical presentation and fluorescein angiographic characteristics); American Retina Society, St. Louis, September, 1975.
63. Retinal Disorders of Infancy; Childhood and Adolescence Combined Pediatric Rounds; St. Mary's Hospital, San Francisco, November, 1975.
64. Indications and Contradictions to Argon Laser Photocoagulation in Macular Disease; Phoenix Ophthalmological Society, Phoenix, Arizona, February, 1976.
65. Subretinal Neovascularization; American Society of Contemporary Ophthalmology, Miami, February, 1976.
66. Subretinal Neovascularization: Diagnosis and Diagnoses; Department of Ophthalmology, Letterman General Hospital, Presidio of San Francisco, May, 1976.
67. The Peripapillary Pigment Epithelial and Choroidal Diseases: A Classification; American Medical Association Section on Ophthalmology, Dallas, June, 1976.
68. A Simplified Approach to Fluorescein Angiographic Interpretation; Department of Ophthalmology (Grand Rounds Speaker); University of California Medical Center, San Francisco, September, 1976.
69. Retinal Vascular Arteriovenous Shunts; American Academy of Ophthalmology and Otolaryngology, Las Vegas, October, 1976.
70. A Method of Contact Lens Slit Lamp Examination; American Academy of Ophthalmology and Otolaryngology, Las Vegas, October, 1976.

COURSES TAUGHT

71. Diagnosis of Retinal Diseases; American Society of Contemporary Ophthalmology, Miami, February, 1977.
72. Choroidal Malignant Melanoma: Current Concepts California Medical Association Section on Ophthalmology; Anaheim, California, March, 1977.
73. Hamartomas and Hamartias of the Retina and Retinal Vessels; Cordes Eye Society, 29th Annual Meeting, San Francisco, April, 1977.
74. Malignant Melanoma; Alta California Ophthalmological Society, Sacramento, May, 1977.
75. Post-Radiation Retinal Vasculopathy (Radiation Retinopathy); Clinical Findings and Fluorescein Angiographic Characteristics; Ophthalmological Section American Medical Association Meeting, San Francisco, June, 1977.
76. Retinal Disease and Fluorescein Angiography; National Medical Association, 82nd Annual Convention, Los Angeles, August, 1977.
77. Fundus Disease (three lectures); University of California, Department of Ophthalmology, San Francisco, August, 1977.
78. Retinal Detachment Surgery and Subretinal Neovascularization; Las Vegas Ophthalmological Society, Las Vegas, September, 1977.
79. Hamartomas and Hamartias; Los Angeles Society of Ophthalmology, Los Angeles, September, 1977.
80. Photographic Plan for Fluorescein Angiography Ophthalmic Photographic Society, Dallas, October, 1977.
81. A Method of Retinal Detachment Surgery Cinematography; American Academy of Ophthalmology and Otolaryngology, Dallas, October, 1977.
82. Tumors of the Retinal Pigment Epithelium; Department of Ophthalmology (Grand Rounds Speaker); University of California Medical Center, San Francisco, November, 1977.
83. Subretinal Neovascularization; Department of Ophthalmology; University of Illinois Eye and Ear Infirmary, Chicago, November, 1977.
84. Other Retinal Vascular Diseases; Loyola University Department of Ophthalmology, Hinsdale, Illinois, November, 1977.
85. AMPPPE, Solar Retinopathy, RPEitis, and Toxic Retinopathies: Chloroquine and Mellaril; Eye Clinic Conference, University of California Medical Center, San Francisco, January, 1978.
86. Special Aspects of Fluorescein Angiography: Technique and Interpretation of Unusual Retinal Diseases and of Lesions after Photocoagulation, Diagnosis and Treatment of Fundal Tumors; Palo Alto Laser Update Course, Palo Alto, January, 1978.
87. Management of Diabetic Retinopathy and Other Retinal Vascular Diseases; American Society of Contemporary Ophthalmology, Chicago, January, 1978.

COURSES TAUGHT

88. Subretinal Neovascularization Diagnosis and Management of Retinal Hamartomas and Hamartias; Washington State Academy of Ophthalmology, Seattle, January, 1978.
89. Subretinal Neovascularization; Retinal Detachment, Vitreous Hemorrhage; Management of Subretinal Neovascularization; Fresno, February, 1978.
90. Short Cuts and Detours; 30th Annual Cordes Society Meeting, San Francisco, April, 1978.
91. Retinal Detachment Surgery; St. Mary's Hospital and Medical Center; Nurses Association, San Francisco, April, 1978.
92. Management of Retinal Disease; Oakland Naval Base Department of Ophthalmology, Oakland, California, May, 1978.
93. New Concepts in Treatment of Macular Disease; Pacific Coast Oto-Ophthalmological Society 62nd Annual Meeting, Newport Beach, California, May, 1978.
94. Retinal Hamartomas and Hamartias; Stanford University Department of Ophthalmology, San Francisco, Stanford, July, 1978.
95. Fundus Disease (three lectures); University of California, Department of Ophthalmology, San Francisco, August, 1978.
96. Current Management of Retinal Diseases; Reno Ophthalmologic Society, Reno, Nevada, August, 1978.
97. Retinal Detachment; Association of Operating Nurses of San Francisco and Marin, San Francisco, September, 1978.
98. Ritalin Retinopathy; Manhattan Eye, Ear, and Throat Hospital, New York, September, 1978.
99. Treatment of Subretinal Neovascularization, San Diego Academy of Ophthalmology, San Diego, October, 1978.
100. An Armrest for Fluorescein Injection During Fluorescein Angiography; Ophthalmic Photographers Society, Kansas City; October; 1978.
101. Management of Acute Vitreous Hemorrhage; Peninsula Eye Society Meeting, Palo Alto, November, 1978.
102. Geographic Helicoid Peripapillary Choroidopathy; University of California; Department of Ophthalmology (Grand Rounds Speaker), San Francisco, November, 1978.
103. New Instruments for Retinal Detachment Surgery and a Method of Cinemaphotography for Retinal Detachment Surgery; American Retina Society, Houston, November, 1978.
104. Hereditary Macular Diseases: A Simplified Approach; Problems in Pediatric Ophthalmology; University of California Medical Society, San Francisco, November, 1978.

COURSES TAUGHT

105. New Concepts in Diagnosis and Treatment of Fundus Diseases; American Society of Contemporary Ophthalmology, Las Vegas, January, 1979.
106. Vitreous Hemorrhage; Orange County Eye Society, Santa Ana, California, February, 1979.
107. Ritalin Retinopathy; Santa Ana Tustin Community Hospital, Santa Ana, California, February, 1979.
108. Complications from Treatment of Diabetic Retinopathy; 31st Cordes Eye Society Meeting, San Francisco, April, 1979.
109. Other Retinal Vascular Diseases; Oakland Naval Base, Oakland, California, May, 1979.
110. Fundus Disease (three lectures); University of California, Department of Ophthalmology, San Francisco, August, 1979.
111. Art of Medicine; University of California; Department of Ophthalmology, San Francisco, September, 1979.
112. Vitreous Surgery; St. Mary's Operating Nurses Association, San Francisco, September, 1979.
113. Treatment of Subretinal Neovascularization; Santa Barbara Ophthalmological Society, Santa Barbara, October, 1979.
114. Retinal Arterial Macroaneurysms and Branch Vein Occlusion; San Diego County Medical Society, San Diego, October, 1979.
115. Retinal Arterial Macroaneurysms; International Macula-Fluorescein Symposium, Carmel, California, October, 1979.
116. Retinal Arterial Macroaneurysms; Milwaukee Ophthalmological Society, Milwaukee, November, 1979.
117. Subretinal Neovascularization and Diagnosis; Subretinal Neovascularization Treatment; Branch Vein Occlusion Retinal Arterial Macroaneurysms; Vitreous Hemorrhage; Interesting Retinal Vascular Abnormalities (Hamartomas Hamartias Shunts and Detours); series of lectures as Visiting Professor; Washington University, Department of Ophthalmology, St. Louis, November, 1979.
118. Interesting Fundus Conditions; Department of Ophthalmology; Naval Regional Medical Center, Oakland, California, January, 1980.
119. Angioid Streaks and Other Causes of Subretinal Neovascularization; University of California, Department of Ophthalmology, San Francisco, January, 1980.
120. Posterior Pole and Peripheral Retinal Effects of Blunt Trauma; University of California, Department of Ophthalmology, San Francisco, February, 1980.
121. Candida Endophthalmitis and Retinitis; Department of Medicine; Children's Hospital, San Francisco, February, 1980.
122. Macular Telangiectasis, 32nd Cordes Eye Society Meeting, San Francisco, April, 1980.

COURSES TAUGHT

123. Under the Macula: New Concepts of Subretinal Neovascularization and in Front of the Macula Membranectomy with Pars Plana Vitrectomy; Alta California Ophthalmological Society, Sacramento, April, 1980.
124. Retinal Disease; Department of the Army; Letterman Army Medical Center, Presidio of San Francisco, April, 1980.
125. Pars Plana Vitreous Surgery; Las Vegas; Ophthalmological Society, Las Vegas, July, 1980.
126. Pars Plana Surgery: Lensectomy Vitrectomy Membranectomy and Retinal Reattachment; Reno Ophthalmologists, Reno, California, July, 1980.
127. Fundus Disease (two lectures); University of California, Department of Ophthalmology, San Francisco, August, 1980.
128. Art of Medicine; University of California, Department of Ophthalmology, San Francisco, September, 1980.
129. Peripheral Occlusive Vasculopathies (RLF the Hemoglobinopathies Eale's Coats' von Hippel's and Retinal Macroaneurysms); University of California, Department of Ophthalmology, San Francisco, September, 1980.
130. Schematic View of Detachment; Retinal Pathogenesis and Surgery Macular Telangiectasis; Pars Plana Anterior Segment Vitreous and Retinal Surgery; Kern Medical Center, Department of Ophthalmology, Bakersfield, California, September, 1980.
131. Retinal Arterial Macroaneurysm: A Large Collaborative Study; The Retina Society meeting, Philadelphia, October, 1980.
132. Retinal Pigment Epithelial Detachment and Central Serous Chorioretinopathy; University of California, Department of Ophthalmology, San Francisco, November, 1980.
133. Retinal Arterial Macroaneurysm: A Large Collaborative Study; American Academy of Ophthalmology and Otolaryngology, Chicago, November, 1980.
134. Presumed Ocular Histoplasmosis Syndrome - Histopathology Pathophysiology Natural History and Treatment; University of California, Department of Ophthalmology, San Francisco, December, 1980.
135. Some Ideas; University of California; Department of Ophthalmology, Grand Rounds, San Francisco, January, 1981.
136. Some Other Retinal Pigment Epithelial Diseases -- AMPPPE Solar Retinopathy RPEitis and Toxic Retinopathies such as Chloroquine and Mellaril; University of California, Department of Ophthalmology, San Francisco, January, 1981.
137. Ocular Manifestations of Sickle Cell Disease; University of California, Department of Ophthalmology, Grand Rounds, January, 1981.
138. Macular Telangiectasis; Macula Society Meeting, Arizona, February, 1981.

COURSES TAUGHT

139. Utilization of Argon Laser Photocoagulation in the Treatment of Diseases of the Retina; Institute of Electrical and Electronics Engineers, Inc., San Leandro, California, February, 1981.
140. Posterior Pole and Peripheral Retinal Effects of Trauma University of California, Department of Ophthalmology, San Francisco, February, 1981.
141. Differential Diagnosis of Choroidal Tumors; University of California, Department of Ophthalmology, San Francisco, March, 1981.
142. Retinal Detachment and Vitreous Surgery; Postoperative care; Nursing Staff, Operating Room, St. Mary's Hospital, San Francisco, March, 1981.
143. Surgery Near the Fovea; American Society of Contemporary Ophthalmology, Orlando, March, 1981.
144. Some Ideas Regarding Diagnosis and Treatment of Retinal Diseases; University of Florida, Department of Ophthalmology, Gainesville, March, 1981.
145. Use of Laser Surgery for Retinal Diseases; St. Mary's Hospital and Medical Center, Emergency Room Staff, San Francisco, March, 1981.
146. Acute Retinal Pigment Epitheliitis: Clinical Manifestations; Fluorescein Angiographic Findings Management; Frederick C. Cordes Eye Society meeting, San Francisco, April, 1981.
147. Retinal Vascular Changes Associated with Systemic Vascular Diseases; St. Mary's Hospital and Medical Center, Grand Rounds, San Francisco, April, 1981.
148. Urgency in the Treatment of Subretinal Neovascularization; Treatment of Optic Pit; Hole in Retinal Pigment Epithelium; Vitreous Surgery; Shasta-Cascade Ophthalmological Society, Redding, California, April, 1981.
149. New Concepts and Treatment of Macular and Retinal Diseases (pigment epithelial hole, post laser central vessels, optic pit, interesting cases); Vesper Memorial Hospital Staff Ophthalmologists, San Leandro, California, June, 1981.
150. Pigment Epithelial Hole and Rip, Treatment of Optic Pit, Central Vessels After Laser Treatment for Subretinal Neovascularization, New and Interesting Entities; University of California, Department of Ophthalmology, Fresno, June, 1981.
151. Pars Plana Vitrectomy: Indications and Techniques; University of California, Department of Ophthalmology; San Francisco, June, 1981.
152. Pars Plana Surgery, Pigment Epithelial Holes, Central Vessels Post-laser for Subretinal Neovascularization, and Treatment of Optic Pit; Monterey - Bay Area Ophthalmologists, Monterey, California, July, 1981.
153. Interpreting Fluorescein Angiography I and II, two lectures; University of California, Department of Ophthalmology, San Francisco, August, 1981.
154. Retinal Artery and Vein Occlusion; University of California, Department of Ophthalmology, San Francisco, August, 1981.

COURSES TAUGHT

155. Art of Medicine; University of California, Department of Ophthalmology, San Francisco, September, 1981.
156. Optic Pit and Sensory Detachment, Hole in Retinal Pigment Epithelium, Central Hyperfluorescent Vessels Following Laser Treatment for Subretinal Neovascularization, and Others; Los Angeles Society of Ophthalmology, Los Angeles, September, 1981.
157. Laser: The Nature of the Laser Burn, Techniques, Risks, and Complications; University of California, Department of Ophthalmology, San Francisco, September, 1981.
158. Classification of Retinal Hamartomas and Hamartias; The Retina Society Meeting, San Francisco, September, 1981.
159. Peripheral Occlusive Vasculopathies; University of California, Department of Ophthalmology, San Francisco, September, 1981.
160. Treatment of Foveal Cystic Edema Secondary to Branch Vein Occlusion, New Concepts in Treatment of Sensory Retinal Detachment Secondary to Optic Pit; Guest Lecturer, Wheaton Eye Clinic, Wheaton, Illinois, October, 1981.
161. What the Non-Ophthalmologist Should Know About Diseases of the Retina; St. Mary's Hospital and Medical Center, San Francisco, October, 1981.
162. Retinal Pigment Epithelial Detachment and Central Serous Chorioretinopathy; University of California, Department of Ophthalmology, San Francisco, October, 1981.
163. Presumed Ocular Histoplasmosis Syndrome; University of California, Department of Ophthalmology, San Francisco, November, 1981.
164. Branch Vein Occlusion; American Academy of Ophthalmology and Otolaryngology, Atlanta, November, 1981.
165. Angioid Streaks and Other Causes of Subretinal Neovascularization; University of California, Department of Ophthalmology, San Francisco, January, 1982.
166. Some Other RPE Diseases: AMPPPE Solar Retinopathy RPEitis Toxic Retinopathies such as Chloroquine and Mellaril; University of California, Department of Ophthalmology, San Francisco, January, 1982.
167. Management of Retinal Problems; Retinal Detachment Surgery and Laser Surgery; Northern California and Nevada Medical Library Group Joint Meeting, Monterey, California, February, 1982.
168. Posterior Pole and Peripheral Retina Effects of Blunt Trauma; University of California, Department of Ophthalmology, San Francisco, February, 1982.
169. New Ideas I and II (pigment epithelial hole, treatment of optic pit, postoperative enlargement of laser lesion, postoperative central hyperfluorescent spot in laser lesion, systemic effect of retrobulbar steroids, bilateral multiple arterial dilations with arteritis, diplopia postoperative laser treatment, armrest for fluorescein injections, grid treatment for diffuse macular edema), Laser Treatment of Cystic Foveal Edema Secondary to Branch Vein Occlusion; series of lectures; Oregon Academy of Ophthalmology, 41st Post Graduate Convention, Portland, March, 1982.

COURSES TAUGHT

170. Retinal Diseases in Children; Pediatric Grand Rounds; Morressey Hall; St. Mary's Hospital and Medical Center, San Francisco, April, 1982.
171. Treatment of Subretinal Neovascularization at the Parafoveal Capillary Net; Treatment of Branch Vein Occlusion with Cystoid Macular Edema; Vitrectomy Surgery Sydney Eye Hospital; series of lectures; 100th Anniversary Celebration Study, Sydney, Australia, April, 1982.
172. Retinal Disease (Central Serous Chorioretinopathy Branch Vein Occlusion, Birdshot Choroidopathy, Cone Dystrophies, the Macular Degeneration Study); Oakland Naval Hospital, Oaknoll, California, May, 1982.
173. Laser Photocoagulation Treatment for Fundus Disease (treatment of optic pit, grid treatment for macular edema, treatment of pigment epithelial detachment and subretinal neovascularization, AOFPED); When the Retinal Surgeon Operates in the Anterior Segment (an overall view of pars plana vitrectomy surgery from the anterior segment to the vitreous to the retina); series of lectures; First International Symposium of Anterior Segment and Vitreo-Retinal Surgery, Gleneagles, Scotland, May, 1982.
174. Interpreting Fluorescein Angiography I and II; (two lectures); University of California; Department of Ophthalmology, San Francisco, August, 1982.
175. The Art of Medicine; University of California, Department of Ophthalmology, San Francisco, August, 1982.
176. Retinal Artery and Vein Occlusion; University of California; Department of Ophthalmology, San Francisco, August, 1982.
177. Peripheral Occlusive Vasculopathies; University of California, Department of Ophthalmology, San Francisco, September, 1982.
178. Laser: The Nature of the Laser Burn, Techniques, Risks and Complications; University of California, Department of Ophthalmology, San Francisco, September, 1982.
179. Conditions that Affect the Retina; New Techniques in the Management of Retinal Diseases, Laser Surgery; Planetree Health Resource Center, San Francisco, October, 1982.
180. Severe Central Serous Chorioretinopathy; University of California, Department of Ophthalmology, Grand Rounds, San Francisco, October, 1982.
181. Fluorescein Angiography, Principles and Purposes, and Retinal Detachment; University of California Berkeley Eye Alumni Association, Berkeley, October, 1982.
182. RPE Detachments and Central Serous Choroidopathy; University of California, Department of Ophthalmology, San Francisco, October, 1982.
183. Presumed Ocular Histoplasmosis Syndrome; University of California, Department of Ophthalmology, San Francisco, November, 1982.

COURSES TAUGHT

184. The Retina as Seen by the Internist; St. Mary's Hospital and Medical Center; Grand Rounds, San Francisco, November, 1982.
185. Toxoplasmosis; Toxocara Canis; Candida; St. Mary's Hospital and Medical Center; Grand Rounds, San Francisco, November, 1982.
186. Retinal Pigment Epithelial Rip; Severe Central Serous Chorioretinopathy Adult Onset Foveomacular Pigment Epithelial Dystrophy; 9th Annual Krill Memorial Lecture to the Chicago Ophthalmological Society, Chicago, November, 1982.
187. Macula - Some Other Pigment Epithelial Diseases - AMPPPE University of California, Department of Ophthalmology, San Francisco, January, 1983.
188. Usual and Unusual Inflammatory Conditions Affecting the Posterior Pole; Papillophlebitis-Clinical Manifestations and Management; Cystoid Macular Edema Following Panretinal Photocoagulation; Guest Lecturer, series of lectures; Second Annual Lake Tahoe Winter Vitreoretinal Symposium, Lake Tahoe, February, 1983.
189. Posterior Polar Affects of Blunt Trauma; University of California, Department of Ophthalmology, San Francisco, February, 1983.
190. How We See; Mill Valley Middle School; Health Education Week, Mill Valley, February, 1983.
191. Laser Treatment of Diabetes and Macular Degeneration; Los Angeles Society of Ophthalmology; Los Angeles, March, 1983.
192. Retinal Phlebitis: A Continuum Including Papillophlebitis; Frederick C. Cordes Society Meeting, San Francisco, April, 1983.
193. Why Different Laser Wavelengths? Current Management of Subretinal Neovascular Membranes and Some Interesting Ideas (Hole in Retinal Pigment Epithelium; Armrest for Fluorescein Angiography; Central Vessels in Laser Lesion Following Treatment for Subretinal Neovascularization; Treatment of Optic Pit; An Increase Size of Atrophy Following Laser Treatment); series of lectures; Fifth Annual Dallas Spring Ophthalmology Symposium, Dallas, April, 1983.
194. Macular Edema and Visual Loss Following Panretinal Photocoagulation; The Forty-Second Scientific Meeting of the Residents' Association of the Wilmer Ophthalmological Institute, Baltimore, April, 1983.
195. Choroidal Osteoma, Adult Onset Foveomacular Pigment Epithelial Dystrophy (AOFPED), Krypton versus argon laser, Current Management of SRNV; series of lectures; Tri-County Eye Society Meeting, Ontario, California, May, 1983.
196. Krypton versus Argon Laser; Department of Ophthalmology Staff, St. Mary's Hospital and Medical Center, San Francisco, May, 1983.
197. Argon and Krypton Laser Photocoagulation, Diabetic Retinopathy, Macular Degeneration and Subretinal Neovascularization, Other Forms of Subretinal Neovascularization, Central Serous Retinopathy and Venous Occlusions; series of lectures; Laser Update, Rio Bravo, California, May, 1983.

COURSES TAUGHT

198. The Eye and How It Works; Guest Lecturer, The Jewish Home for the Aged, San Francisco, June, 1983.
199. Aging Changes of the Eye, Including Glaucoma, Cataract and Macular Degeneration with a Discussion of Diagnosis and Treatment of Subretinal Neovascularization in Macular Degeneration; Vision and Aging Workshop; series of lectures; University of California, Berkeley, June, 1983.
200. The Recognition and Treatment of Subretinal Neovascularization, Fluorescein Angiography, Seminar on Cataract Surgery and IOL Implants, and the Yag Laser; series of lectures; Hadassah University Hospital, Jerusalem, July, 1983.
201. Management of Retinal Vascular Diseases; Nahariya Government Hospital; Department of Ophthalmology, Nahariya, Israel, July, 1983.
202. Interpreting Fluorescein Angiography I-VI, a series of six lectures; University of California, Department of Ophthalmology, San Francisco, July and August, 1983.
203. Art of Medicine; University of California, Department of Ophthalmology, San Francisco, September, 1983.
204. Peripheral Occlusive Vasculopathies; University of California, Department of Ophthalmology, San Francisco, September, 1983.
205. Laser Burn, The Nature of the Techniques; University of California, Department of Ophthalmology, San Francisco, September, 1983.
206. Results of 103 Cases of Grid-Type Laser Treatment for Diffuse Retinal Vascular Leakage and Severe Macular Edema; (Retina Society Meeting), Baltimore, September, 1983.
207. Diabetic Retinopathy - An Overview; Chairman, Diabetic Retinopathy Symposium, American Academy of Ophthalmology Meeting, Chicago, November, 1983.
208. Central Serous Chorioretinopathy: A Psychosomatic Disease; The Art of Medicine; Guest Speaker, Ophthalmic Photographers Association, American Academy of Ophthalmology Meeting, Chicago, November, 1983.
209. Central Serous Chorioretinopathy and Chronic; Severe Recurrent Central Serous Chorioretinopathy; University of California, Department of Ophthalmology, San Francisco, November, 1983.
210. Presumed Ocular Histoplasmosis Syndrome; University of California, Department of Ophthalmology, San Francisco, November, 1983.
211. Results of Grid Pattern Laser Photocoagulation Treatment for Diffuse Retinal Vascular Leakage and Severe Macular Edema; Vitreous Society Meeting, Palm Springs, December, 1983.
212. Angioid Streaks and Other Causes of Subretinal Neovascularization; University of California, Department of Ophthalmology, San Francisco, January, 1984.

\

COURSES TAUGHT

213. Experience in the Management of Subretinal Neovascularization: A Series of 280 Treated Eyes; University of California, Department of Ophthalmology; Grand Rounds, San Francisco, January, 1984.
214. Some Other Retinal Pigment Epithelial Disease AMPPPE. Solar Retinopathy, Retinal Pigment Epitheliitis, and Toxic Retinopathies such as Chloroquine and Mellaril; University of California; Department of Ophthalmology, San Francisco, January, 1984.
215. Results of Argon versus Krypton Laser Photocoagulation for Subretinal Neovascularization in Macular Degeneration Less than 200 Microns from the Center of the Fovea; Macula Society Meeting, San Diego, January, 1984.
216. Posterior Pole and Peripheral Retinal Effects of Blunt Trauma; University of California, Department of Ophthalmology, San Francisco, February, 1984.
217. Subretinal Neovascularization in Macular Degeneration; Argon versus Krypton Laser Photocoagulation; Results of Grid Laser Photocoagulation Treatment for Severe Macular Edema Secondary to Diffuse Retinal Vascular Leakage; Involutional Macular Thinning; Idiopathic Macular Telangiectasis; West Coast Retina Study Club, San Francisco, February, 1984.
218. Macular Problems - When and How to Treat with Argon; California Medical Association Annual Scientific Assembly; Update on Laser Therapy, Anaheim, February, 1984.
219. Why Different Laser Wave Lengths; Results from Treating Subretinal Neovascularization Close to the Fovea with Argon Versus Krypton Laser Photocoagulation; AOFPED (Adult Onset Foveomacular Pigment Epithelial Dystrophy) the most common macular dystrophy second to drusen; Some Ideas and Wild Cases; Retina Meeting, Vancouver, March, 1984.
220. Argon Versus Krypton Laser Photocoagulation Treatment of Indistinct Subretinal Neovascularization; Frederick C. Cordes Eye Society Meeting, San Francisco, April, 1984.
221. Laser Treatment of Subretinal Neovascularization; The Forty-Third Clinical Meeting of the Residents Association of the Wilmer Ophthalmological Institute, Baltimore, April, 1984.
222. Argon Versus Krypton Laser Photocoagulation Treatment of Subretinal Neovascularization; Peninsula Eye Society Meeting, Palo Alto, April, 1984.
223. Which Laser Wavelengths and Why; Results of the Treatment of Subretinal Neovascularization - Macular Degeneration; Adult Onset Foveomacular Pigment Epithelial Dystrophy; Gentamicin Retinal Toxicity; Interesting Cases; New England Ophthalmological Society Meeting, Boston, May, 1984.
224. Diabetic Retinopathy - The Eyes Have It; First Annual Diabetes Forum; San Francisco Chapter of American Diabetes Association, San Francisco, June, 1984.
225. Management of Subretinal Neovascularization Not Caused By Macular Degeneration; Practical Use of the Fluorescein Angiogram in Patients with Retinal Problems - For the General Ophthalmologist; Pacific Coast Oto-Ophthalmological Society Meeting, Monterey, California, June, 1984.
226. Interpreting Fluorescein Angiography I-VI, a series of six lectures; University of California, Department of Ophthalmology, San Francisco, July and August, 1984.

COURSES TAUGHT

227. Peripheral Occlusive Vasculopathies; University of California, Department of Ophthalmology, San Francisco, September, 1984.
228. Laser: The Nature of the Laser Burn, Techniques, Risks, Complications; University of California, Department of Ophthalmology, San Francisco, September, 1984.
229. Art of Medicine; University of California, Department of Ophthalmology, San Francisco, October, 1984.
230. Diagnosis and Management of Challenging Retinal Diseases Guest Lecturer; Lu-Esther Mertz Lecture; Manhattan Eye Ear and Throat Hospital, New York, October, 1984.
231. Interesting Fundus Findings; 34th Educational and Annual Alumni Reunion; University of California, Optometry Alumni Association, Berkeley, October, 1984.
232. Retinal Pigment Epithelial Detachment and Central Serous Chorioretinopathy; University of California, Department of Ophthalmology, San Francisco, November, 1984.
233. Presumed Ocular Histoplasmosis Syndrome; University of California, Department of Ophthalmology, San Francisco, November, 1984.
234. Involitional Macular Thinning; Scientific Sessions presentation at the American Academy of Ophthalmology, Atlanta, November, 1984.
235. Subretinal Neovascularization: Argon or Krypton; American Society of Contemporary Ophthalmology, Las Vegas, December, 1984.
236. Angioid Streaks and Other Causes of Subretinal Neovascularization; University of California, Department of Ophthalmology, San Francisco, December, 1984.
237. Some Other RPE Diseases - AMPPPE Solar Retinopathy RPEitis and Toxic Retinopathies such as Chloroquine and Mellaril; University of California, Department of Ophthalmology, San Francisco, January, 1985.
238. Posterior Pole and Peripheral Retina Effects of Blunt Trauma; University of California, Department of Ophthalmology, San Francisco, February, 1985.
239. Treatment of Sensory Retinal Detachment Secondary to Optic Pit; West Coast Retina Study Club, San Francisco, February, 1985.
240. Treatment of Sensory Retinal Detachment Secondary to Optic Pit; Macula Society Meeting, Marathon, Florida, March, 1985.
241. Treatment Pearls in the Practical Management of Macular Degeneration; California Medical Association 114th Annual Scientific Assembly, San Diego, March, 1985.
242. Experience in the Management of Optic Nerve Pits; Frederick C. Cordes Eye Society Meeting, San Francisco, April, 1985.

COURSES TAUGHT

243. The Use of Lasers in Ophthalmology; St. Mary's Hospital and Medical Center, Lasers in Medicine, San Francisco, September, 1985.
244. Understanding the Retina (basics of fluorescein angiography and diagnosis and treatment of SRNV in macular degeneration); OptiFair West '85, Anaheim, September, 1985.
245. Interpretation and Indication for Fluorescein Angiography (Twenty-Five Years of Fluorescein Angiography, 1960-1985); American Academy of Ophthalmology, San Francisco, October, 1985.
246. Adult Onset Foveomacular Pigment Epithelial Dystrophy and Retinal Arterial Macroaneurysms; Guest Lecturer, Grand Rounds, Massachusetts Eye and Ear Infirmary; Boston, October, 1985.
247. Use of Lasers in Management of Retinal and Choroidal Diseases; International Conference on Lasers '85, Las Vegas, December, 1985.
248. Subretinal Neovascularization: Diagnosis and Treatment, Current Concepts in Ophthalmology; Oregon Lions Sight and Hearing Institute, Portland, December, 1985.
249. Fluorescein Angiography - Basic Principles, Macular Degeneration and Subretinal Neovascularization; University of California, Berkeley, December, 1985.
250. Management of Patients with Subretinal Neovascularization in Macular Degeneration; Interesting Rare and Fascinating - but Instructive Cases; Dots Spots and Flecks of the Fundus; Chronic Severe Recurrent Central Serous Chorioretinopathy (CSR-CSCR); Inflammations of the Fundus; series of lectures; The Research Study Club, Los Angeles, January, 1986.
251. The Practical Management of Subretinal Neovascularization; The Permanente Medical Group, San Francisco, February, 1986.
252. Posterior Polar Effects of Blunt Trauma; University of California, Department of Ophthalmology, San Francisco, February, 1986.
253. Reticular Dystrophies; West Coast Retina Study Club, Vancouver, Canada, February, 1986.
254. Subretinal Neovascularization: Diagnosis and Management; San Joaquin Valley Ophthalmologists, Fresno, February, 1986.
255. Retina: Diabetes, Detachment and Degeneration; Primary Care of Eye Diseases; University of California, Fresno-Central San Joaquin Valley Medical Education Program, Fresno, February, 1986.
256. Central Retinal Vein Occlusion in Retinal and Optic Nerve Arteriovenous Malformation; Macula Society Meeting Boca Raton, Florida, February-March, 1986.
257. The Eye, Retina and Central Serous Chorioretinopathy; Ophthalmic Personnel of Northern California, Corte Madera, March, 1986.
258. Reticular Dystrophies; Frederick C. Cordes Eye Society Meeting, San Francisco, April, 1986.
259. Fluorescein Angiography, Central Serous Chorioretinopathy, Subretinal Neovascularization in Macular Degeneration; Meredith Morgan Lecture and Symposium; University of California, Berkeley, April, 1986.

COURSES TAUGHT

260. Retinal Vascular Occlusion; Los Angeles Eye Society Meeting, May, 1986.
261. Management of Patients with Subretinal Neovascularization in Macular Degeneration; Chronic Severe Recurrent Central Serous Chorioretinopathy (CSR-CSCR); Interesting Causes of Retinal Vascular Occlusion; series of lectures; Georgia Society of Ophthalmology, Sea Island, Georgia, May, 1986.
262. Dots and Spots, Flecks and Specks; University of California, Department of Ophthalmology, Grand Rounds, San Francisco, May, 1986.
263. Subretinal Neovascularization in Macular Degeneration: Histopathology, Diagnosis, Fluorescein Angiography and Treatment; University of California, Berkeley, May, 1986.
264. Choroidal Osteoma: A Previously Unreported Manifestation of an Unusual Condition; Annual Alumni Meeting, Pacific Presbyterian Medical Center, San Francisco, May, 1986.
265. Central Serous Chorioretinopathy; Pacific Medical Center Department of Ophthalmology; Retinal Lecture Series 1986, San Francisco, June, 1986.
266. Progressive Cone and Cone-Rod Dystrophies; Chronic Severe Recurrent Central Serous Chorioretinopathy (CSR-CSCR); Management of Patients with Subretinal Neovascularization in Macular Degeneration; series of lectures; Sixth Annual Current Concepts in Ophthalmology 1986, San Diego Eye Bank, San Diego, June, 1986.
267. Interpreting Fluorescein Angiography I-VI; series of six lectures; University of California, Department of Ophthalmology, San Francisco, July and August, 1986.
268. Retinal and Choroidal Arterial Occlusions; Retinal Vein Occlusions; University of California, Department of Ophthalmology; San Francisco, August, 1986.
269. Other Retinal Vascular Diseases, Anomalies, Malformations; University of California, Department of Ophthalmology, San Francisco, August, 1986.
270. The Art of Medicine; University of California, Department of Ophthalmology, San Francisco, August, 1986.
271. Management and Surgery of Sensory Retinal Detachment of Macula Secondary to Optic Nerve Pit; American Academy of Ophthalmology, New Orleans, November, 1986.
272. Treatment of Diabetic Retinopathy; American Academy of Ophthalmology, New Orleans, November, 1986.
273. Presumed Ocular Histoplasmosis Syndrome; University of California, Department of Ophthalmology, San Francisco, November, 1986.
274. Interesting Retinal Cases; University of California Davis, Retina Rounds, Sacramento, December, 1986.

COURSES TAUGHT

275. CACA and GAMD (central areolar choroidal atrophy and geographic atrophy of macular degeneration); University of California, Department of Ophthalmology, Grand Rounds; San Francisco, January, 1987.
276. Angioid Streaks and Other Causes of Subretinal Neovascularization; University of California, Department of Ophthalmology, San Francisco, January, 1987.
277. Some Other RPE Diseases - AMPPPE Solar Retinopathy RPEitis and other Toxic Retinopathies Such as Chloroquine and Mellaril; University of California, Department of Ophthalmology, San Francisco, January, 1987.
278. Progressive Cone and Cone-Rod Dystrophies; CACA and GAMD (central areolar choroidal atrophy and geographic atrophy of macular degeneration); West Coast Retina Study Club, Kona, Hawaii, January, 1987.
279. Posterior Pole and Peripheral Retina Effects of Blunt Trauma; University of California, Department of Ophthalmology, San Francisco, February, 1987.
280. Interesting Retinal Cases; Guest Professor, WK Kellogg Eye Center, Ann Arbor, Michigan, March, 1987.
281. Histopathological, Ophthalmoscopic and Fluorescein Angiographic Diagnosis of Subretinal Neovascularization in Macular Degeneration; Management of Patients with Subretinal Neovascularization in Macular Degeneration; series of lectures; 30th Annual Postgraduate Symposium in Ophthalmology, Ohio State University, Columbus, Ohio, March, 1987.
282. Effects of Trauma on the Posterior Pole; Pacific Medical center, Department of Ophthalmology, Retina Lecture Series, San Francisco, April, 1987.
283. Management of Patients with Subretinal Neovascularization in Macular Degeneration; American College of Surgeons, San Francisco, May, 1987.
284. Dots and Spots, Flecks and Specks of the Fundus; Practical Management of Patients with Macular Degeneration; Chicago Ophthalmological Society, Chicago, May, 1987.
285. An Unusual Manifestation of a Retinal Arteriovenous Malformation; 11th Annual Residents-Alumni Day Meeting, University of Illinois, Eye and Ear Infirmary, Chicago, May, 1987.
286. A Rare Case of Retinal White Spots; Macula Society Meeting, Cannes, France, June, 1987.
287. Interpretation Fluorescein Angiography I-VI; a series of six lectures; University of California, Department of Ophthalmology, San Francisco, July and August, 1987.
288. Art of Medicine; University of California, Department of Ophthalmology, San Francisco, August, 1987.

COURSES TAUGHT

289. Retinal and Choroidal Arterial Occlusion; Retinal Vein Occlusion; University of California, Department of Ophthalmology, San Francisco, August, 1987.
290. Other Retinal Vascular Diseases, Anomalies, Malformations; University of California, Department of Ophthalmology, San Francisco, August, 1987.
291. Presumed Ocular Histoplasmosis Syndrome; University of California, Department of Ophthalmology, San Francisco, October, 1987.
292. Geographic Atrophy of Age-Related Macular Degeneration: Rate of Progression and Visual Loss; American Academy of Ophthalmology, Dallas, November, 1987.
293. Angioid Streaks and Other Causes of Subretinal Neovascularization; University of California, Department of Ophthalmology, San Francisco, January, 1988.
294. Some Other RPE Diseases - AMPPPE Solar Retinopathy RPEitis and Other Toxic Retinopathies such as Chloroquine and Mellaril; University of California, Department of Ophthalmology, San Francisco, January, 1988.
295. COMS (Collaborative Ocular Melanoma Study) and Retinal Goodies; Valley Medical Center, Department of Ophthalmology, Fresno, February, 1988.
296. Management of Patients with Subretinal Neovascularization in Macular Degeneration; COMS (Collaborative Ocular Melanoma Study); Acute Vitreous Hemorrhage; CSR-CSCR (Chronic Severe Recurrent Central Serous Chorioretinopathy); series of lectures; Fourth Annual Mid-Winter Seminar, Honolulu, Hawaii, February, 1988.
297. CACA and GAMD (Central Areolar Choroidal Atrophy and Geographic Atrophy of Macular Degeneration); Management of Patients with Subretinal Neovascularization in Macular Degeneration; California Medical Association; 1988 Annual Session and Western Scientific Assembly, Reno, Nevada, March, 1988.
298. Subfoveal Treatment of Subretinal Neovascularization West Coast Retina Study Club, San Francisco, March, 1988.
299. COMS (Collaborative Ocular Melanoma Study) and Retinal Goodies; Alta California Ophthalmology Society, Sacramento, March, 1988.
300. Retinal Pigment Epithelial Folds Associated with Subretinal Neovascularization; Frederick C. Cordes Eye Society, April, 1988.
301. COMS (Collaborative Ocular Melanoma Study); Retinal Arterial Macroaneurysms, and Rare and Unusual Cases and Unknowns; series of lectures; Retina Update, New Orleans, April, 1988.
302. Interpretation of Fluorescein Angiography I-VI; series of six lectures; University of California, Department of Ophthalmology, San Francisco, July and August, 1988.
303. Art of Medicine; University of California, Department of Ophthalmology, San Francisco, August, 1988.

COURSES TAUGHT

304. Retinal and Choroidal Arterial Occlusions; Retinal Vein Occlusions; University of California, Department of Ophthalmology, San Francisco, August, 1988.
305. Other Retinal Vascular Diseases, Anomalies, Malformations; University of California, Department of Ophthalmology, San Francisco, August, 1988.
306. Retinal Pearls (Macular Coats', Bilateral Idiopathic Macular Telangiectasis, Retinal Pigment Epithelial Rips Recurrent Multifocal Choroiditis, Birdshot Choroidopathy); Los Angeles Ophthalmological Society, Los Angeles, September, 1988.
307. Retinal Goodies (Macular Coats', Bilateral Idiopathic Macular Telangiectasis Retinal Pigment Epithelial Rips Recurrent Multifocal Choroiditis, Birdshot Choroidopathy); California Association of Ophthalmology Fifth Morrison Lecture, Monterey, California, September, 1988.
308. Age-Related Macular Degeneration; Macular Holes; XVIII Mexican Congress of Ophthalmology, Tampico, Mexico, September, 1988.
309. Drug-Induced Retinopathy; Macula Society Sponsored Symposium on Retinal and Choroidal Manifestations of Systemic Disease; American Academy of Ophthalmology, Las Vegas, October, 1988.
310. Photocoagulation for Diabetic Macular Edema in Eyes with 20/20 Vision, contraindicated; Retina Society Sponsored Symposium on Controversies in the Management of Vitreoretinal Disorders; American Academy of Ophthalmology, Las Vegas, October, 1988.
311. Ocular Melanomas; and Collaborative Ocular Melanoma Study; Stanford University Medical Center, Department of Ophthalmology, Stanford, October, 1988.
312. Collaborative Ocular Melanoma Study; Peninsula Eye Society, San Jose, November, 1988.
313. Presumed Ocular Histoplasmosis Syndrome; University of California, Department of Ophthalmology, San Francisco, December, 1988.
314. Practical Management of Macular Degeneration (Subretinal Neovascularization); Hawaiian Eye Foundation 10th Annual Royal Hawaiian Eye Meeting, Kauai, January, 1989.
315. Angioid Streaks and Other Causes of Subretinal Neovascularization; University of California, Department of Ophthalmology, San Francisco, January, 1989.
316. Retinal Changes in Systemic Diseases - Hypertension, Leukemia, and Others; University of California, Department of Ophthalmology, San Francisco, February, 1989.
317. Collaborative Ocular Melanoma Study; Western Retina Study Club, San Diego, February, 1989.
318. Unusual Tumors - Hamartomas of RPE and retina, Angiomas, Osteomas; University of California, Department of Ophthalmology, San Francisco, March, 1989.
319. Macroaneurysms; Interesting Retinal Vascular Problems; Tokyo, Japan; Interesting Macular Dystrophies, Interesting Retinal Pigment Epithelial Problems; Kansai Medical University, Osaka, Japan; Interesting Tumors, Macular Degeneration; Nagoya National Hospital, Nagoya, Japan, March, 1989.

COURSES TAUGHT

320. Multifocal AOFPED; Frederick C. Cordes Eye Society meeting, San Francisco, April, 1989.
321. Retinal Complications of Cataract Surgery; 1989 Barkan Association meeting, San Francisco, April, 1989.
322. Collaborative Ocular Melanoma Study; California Association of Ophthalmology, 8th Annual Educational Conference, Santa Barbara, May, 1989.
323. Multifocal AOFPED; Macula Society/Retina Society Combined meeting, Boston, June, 1989.
324. Interpretation of Fluorescein Angiography: I-VI; a series of six lectures; University of California, Department of Ophthalmology, San Francisco, July and August, 1989.
325. Other Retinal Vascular Diseases, Anomalies, Malformations, etc.; University of California, Department of Ophthalmology, San Francisco, August, 1989.
326. Art of Medicine; University of California, Department of Ophthalmology, San Francisco, August, 1989.
327. Central Retinal Vein Occlusion: Natural Course, and Old and New Treatments; Idaho Society of Ophthalmology, Sun Valley, August, 1989.
328. The Multiple Faces of Vein Occlusions and Their Treatment; University of California, Department of Ophthalmology, San Francisco, September, 1989.
329. Retinal Pigment Epithelial Folds Associated with Retinal Pigment Epithelial Detachment in Macular Degeneration; American Academy of Ophthalmology, New Orleans, November, 1989.
330. Presumed Ocular Histoplasmosis Syndrome; University of California, Department of Ophthalmology, San Francisco, November, 1989.
331. Assessing Visual Acuity and Common Diagnostic Tests; American Society of Ophthalmic Registered Nurses, San Francisco, January, 1990.
332. Angioid Streaks and Other Causes of Subretinal Neovascularization; University of California, Department of Ophthalmology, San Francisco, January, 1990.
333. Challenging Retinal, Diagnostic, and Therapeutic Problems; Retinal Vascular Disease, including Inflammation, Pigment Epithelial Diseases, Dystrophies and Toxicities, Tumors, and Trauma, Membranes, Other; series of lectures; Research Study Club of Los Angeles 59th Annual Mid-Winter Clinical Conference, Los Angeles, February, 1990.
334. Multifocal AOFPED; Western Retina Study Club, San Francisco, February, 1990.
335. Cilioretinal Artery Occlusion Secondary to Central Retinal Vein Occlusion in Young People; Macula Society Meeting, Maui, Hawaii, March, 1990.
336. Unusual Tumors - Hamartoma of RPE and Retina, Angiomas, Osteomas; University of California, Department of Ophthalmology, San Francisco, March, 1990.

COURSES TAUGHT

337. Retinal Changes in Systemic Diseases - Hypertension, Leukemia, etc.; University of California, Department of Ophthalmology, San Francisco, March, 1990.
338. Acute Multifocal Retinitis; Barkan Association meeting, Berkeley, March, 1990.
339. Multifocal Inner Retinitis; Frederick C. Cordes Eye Society meeting, San Francisco, April, 1990.
340. Practical Retinal Pearls; East Bay Ophthalmologic Society, Berkeley, April, 1990.
341. Diabetic Retinopathy; "Diabetes 2000", California Association of Neurologic Surgeons, San Francisco, April, 1990.
342. Retinal Vascular and Macular Diseases: Diagnostic and Therapeutic Challenges; Second Annual Vallotton Lecture, The Medical University of South Carolina, Charleston, May, 1990.
343. Some Interesting Retinal Vascular and Macular Diseases; 1990 Ophthalmology Update: "Current Concepts in Treatment of Vitreoretinal Diseases", The Medical University of South Carolina, Charleston, May, 1990.
344. Interpretation of Fluorescein Angiography and Retinal Disease I-VI; a series of six lectures; University of California, Department of Ophthalmology, San Francisco, July and August, 1990.
345. Other Retinal Vascular Diseases, Anomalies, Malformations, etc.; University of California, Department of Ophthalmology, San Francisco, August, 1990.
346. The Art of Medicine; University of California, Department of Ophthalmology, San Francisco, August, 1990.
347. Some Interesting Cases and Errors Made with the Laser; American College of Surgeons 76th Annual Clinical Congress, San Francisco, October, 1990.
348. Idiopathic Choroidal Neovascularization; 1990 Macula Society Symposium on Pathogenesis, Diagnosis and Management of Less Common Causes of Choroidal Neovascular Membrane; American Academy of Ophthalmology, Atlanta, October, 1990
349. Cilioretinal Artery Occlusion in Papillophlebitis (Central Retinal Vein Occlusion in Young Adults); American Academy of Ophthalmology, Atlanta, October, 1990.
350. Macular Degeneration; American Society of Ophthalmic Registered Nurses, 1990 Annual Meeting, Atlanta, October, 1990.
351. The Effect of Cataract Surgery on the Diabetic Retina; Symposium on New Ideas on Common Retinal Disorders sponsored by the University of California School of Medicine, San Francisco, December, 1990.
352. Interesting Retinal Vascular and Macular Cases; The Macula Symposium, Manhattan Eye, Ear and Throat Hospital, New York, January, 1991.
353. The Effects of Cataract Surgery on the Diabetic Retina; Western Retina Study Club, Seattle, February, 1991.

COURSES TAUGHT

354. The Effects of Cataract Surgery on the Diabetic Retina; The Macula Society, Orlando, February, 1991.
355. The Journal Retina 1981-1990: A Ten-Year Review; The Macula Society, Orlando, February, 1991.
356. Hypereosinophilic Syndrome; Frederick C. Cordes Eye Society Meeting, San Francisco, April, 1991.
357. Retinal Vascular Occlusion in the Hypereosinophilic Syndrome; Barkan Association meeting, San Francisco, April, 1991.
358. Challenging and Interesting Diagnostic and Therapeutic Retinal Problems; Osteopathic Colleges of Ophthalmology and Otolaryngology 75th Annual Clinical Assembly, Monterey, April, 1991.
359. The Paul Cibis Lecturer: Retinal Challenges; Ninth Biennial Meeting of the Paul Cibis Club, Napa, May, 1991.
360. Errors Made Regarding Laser Treatment of Retinal Diseases; Third International Congress on Laser Technology in Ophthalmology, San Francisco, May, 1991.
361. The Paul Chandler Professorship Lecturer: Retinal Challenges and Learning Retina from Rare Cases; Harvard Medical School, Massachusetts Eye and Ear Infirmary, Boston, June, 1991.
362. Interpretation of Fluorescein Angiography and Retinal Disease I-VI; a series of six lectures; University of California, Department of Ophthalmology, San Francisco, July and August, 1991.
363. Other Retinal Vascular Diseases, Anomalies, Malformations, etc.; University of California, Department of Ophthalmology, San Francisco, August, 1991.
364. The Art of Medicine; University of California, Department of Ophthalmology, San Francisco, August, 1991.
365. Management of Exudative Age-Related Macular Degeneration: Case Presentations; Panel Chair, Medical and Surgical Retina in the 1990's, Jules Stein Eye Institute, UCLA School of Medicine, Los Angeles, October, 1991.
366. Worsening of Diabetic Retinopathy following Cataract Surgery; American Academy of Ophthalmology, Anaheim, October, 1991.
367. Other Proliferative Retinopathies; Macula Society Symposium at American Academy of Ophthalmology, Anaheim, October, 1991.
368. A Retina Specialists Viewpoint; Low Vision Rehabilitation Symposium at American Academy of Ophthalmology, Anaheim, October, 1991.
369. Central Serous Chorioretinopathy with Subretinal Fibrin Leading to Subretinal Fibrosis and Further Complications; The Macula Society, Scottsdale, Arizona, February, 1992.
369. Experience with Indocyanine Green Angiography; Frederick C. Cordes Eye Society meeting, San Francisco, April, 1992.

COURSES TAUGHT

370. Current Guidelines for Laser Treatment in Age-Related Macular Degeneration; American Academy of Ophthalmology Summer Institute, San Francisco, July, 1992.
371. Central Serous Chorioretinopathy; Department of Ophthalmology, University of California Grand Rounds, San Francisco, September, 1992.
372. Central Serous Chorioretinopathy; Manhattan Eye, Ear and Throat Hospital Grand Rounds, New York, September, 1992.
373. A New Theory on the Pathogenesis of Central Serous Chorioretinopathy; 25th Annual Scientific Session of The Retina Society, New York, September, 1992.
374. A New Theory on the Pathogenesis of Central Serous Chorioretinopathy; The Vitreoretinal Frontier Course, Dallas, November, 1992.
375. Is Laser Treatment of Subfoveal Neovascularization Beneficial?; Retina Society Symposium at American Academy of Ophthalmology, Dallas, November, 1992.
376. Vitelliform Dystrophy (Best's) and Pseudo-vitelliform Disease; Macula Society Symposium at American Academy of Ophthalmology, Dallas, November, 1992.
377. Unusual Case Presentations; Indocyanine Green Angiography International Symposium, New York, January, 1993.
378. Unusual Retinal Problems; Alta California Ophthalmologic Society, Sacramento, January, 1993.
379. Retinal Vascular Disease; Inflammatory Disease of the Retina; and Macular Disease; Research Study Club of Los Angeles, February, 1993.
380. Randomized, Placebo-controlled, Double-masked Clinical Trial of Interferon alpha 2a for Distinct (well-defined) Subretinal Neovascularization in Macular Degeneration; Macula Society, Naples, Florida, February, 1993.
381. ICG Angiography; Interferon III; Pathobiology of CSR; Western Retina Study Club, San Francisco, March, 1993.
382. Prospective Clinical Trial of Interferon for CNVM in ARMD; Frederick C. Cordes Eye Society meeting, San Francisco, April, 1993.
383. Honored Alumni Lecturer: Some Observations on the Treatment of Retinal Disease; 17th Annual Residents-Alumni Day Meeting, University of Illinois Eye and Ear Infirmary, Chicago, May, 1993.
384. Interpretation of Fluorescein Angiography, Indocyanine Green Angiography, and Retina I-V; a series of five lectures; University of California, Department of Ophthalmology, San Francisco, August, 1993.
385. Evaluation of the Patient with Pre-Existing Macular Disease: Alternatives to Snellen Acuity; California Association of Ophthalmology, 12th Annual Educational Conference, San Francisco, September, 1993.

COURSES TAUGHT

386. Macular Degeneration - the Medical Condition and Its Treatment; Academic Geriatric Resource Program of the University of California, Berkeley, September, 1993.
387. Far Peripheral Nonperfusion as a Sign of Past Central Retinal Vein Occlusion; 26th Annual Retina Society Meeting, San Francisco, September, 1993.
388. Central Retinal Vein Occlusion in Young Adults; New Dimensions in Retina; Chicago, November, 1993.
389. Performing Fluorescein Angiography in the Office; Update 1993: Lasers and Dyes in Ophthalmology; Section Council on Ophthalmology to the American Medical Association held at American Academy of Ophthalmology meeting, Chicago, November, 1993.
390. Choroidal Polypoidal Vasculopathy - Macular Degeneration of Pigmented Peoples, Retinal Telangiectasis, and Indications for and Value of ICG Angiography; Western Retina Study Club, Phoenix, January, 1994.
391. The Paul Henkind Lecturer: Retinal Telangiectasis; presented at the Macula Society meeting, Palm Springs, February, 1994.
392. Retinal Vascular Telangiectatic Response; Update on Indocyanine Green Angiography; Frederick C. Cordes Eye Society meeting, San Francisco, April, 1994.
393. Indocyanine Green (ICG) Angiography for Macular Degeneration; Barkan Association meeting, San Francisco, April, 1994.
394. Interpretation of Fluorescein Angiography, Indocyanine Green Angiography, and Retina I-V; a series of five lectures; University of California, Department of Ophthalmology, San Francisco, August, 1994.
395. Age-Related Macular Degeneration; Retinal Telangiectasis; Visiting Professorship, University of Florida, Department of Ophthalmology, Gainesville, October, 1994.
396. Age-Related Macular Degeneration in Asian Patients; The Macula Society annual meeting, Palm Beach, Florida, February, 1995.
397. Macular Degeneration in Asian patients; Frederick C. Cordes Eye Society meeting, San Francisco, April, 1995.
398. Mysteries of the Macula; Barkan Association meeting, Oakland, April, 1995.
399. Visiting Professor: Grand Rounds, California Pacific Medical Center, Department of Ophthalmology, San Francisco, September, 1995.
400. Acute Multifocal Retinitis; The Macula Society annual meeting, Tuscon, Arizona, February, 1996.
401. Case presentations: Atlantic Coast Retina Club, New York, New York, January, 1997.
402. The Macula Symposium: Manhattan Eye, Ear and Throat Hospital, New York, New York, Jan 1997.

COURSES TAUGHT

1. Argon-Laser Photocoagulation; Third Mid-Winter Ophthalmologic Conference; St. Mary's Hospital, San Francisco, January, 1972.
2. Fluorescein Angiography in the Diagnosis and Treatment of Diseases Involving the Macula (three-hour course with AE Maumenee and JDM Gass); American Academy of Ophthalmology and Otolaryngology, Dallas, October, 1972.
3. Eastern Laser Course (three-day course); Wilmer Eye Institute, Baltimore, April, 1973.
4. Fluorescein Angiographic Symposium (two-day course); Cedars-Sinai Hospital, Los Angeles, April, 1973.
5. Fluorescein Angiography in Macular Disease; Highlights of Ophthalmology (two-day symposium); San Francisco, June, 1973.
6. Diabetes Symposium; University of Texas Post-graduate Course; San Antonio, October, 1973.
7. Fluorescein Angiography in the Diagnosis and Treatment of Diseases Involving the Macula (three-hour course with A E Maumenee and J D M Gass); American Academy of Ophthalmology and Otolaryngology; Dallas, October, 1973.
8. Interpretation of the Fluorescein Angiogram and Its Role in the Diagnosis and Management of Fundus Disease (three-hour course with Thomas Burton, Lawrence Yannuzzi, and Maurice Rabb); American Academy of Ophthalmology and Otolaryngology; Dallas, October, 1973.
9. Update Argon Laser Photocoagulation Course (one-day course); Palo Alto, January, 1974.
10. Ninth Palo Alto Laser Course (three-day course); Palo Alto, January, 1974.
11. Argon Laser Photocoagulation and Fluorescein Angiography (one-day course) Fifth Mid-Winter Ophthalmologic Conference; St. Mary's Hospital; San Francisco, January, 1974.
12. Fluorescein Angiography and Correlated Fundus Pathology Course (two-day course); Touro Infirmary, New Orleans, April, 1974.
13. Eastern Laser Photocoagulation Course (three-day course); Wilmer Institute, Baltimore, April, 1974.
14. Fourth Annual Meeting of Eye Residents and Fellows; Chairman, Retinal Section, San Francisco, May, 1974.
15. Intraocular Tumors Symposium (one day symposium); Conference Chairman; St. Mary's Hospital, San Francisco, May, 1974.
16. Fluorescein Angiography in Retinal Vascular Disease; Highlights of Ophthalmology (two day symposium); San Francisco, June, 1974.
17. Tenth Palo Alto Argon Laser Photocoagulation Course (three day course); Palo Alto, July, 1974.

COURSES TAUGHT

18. Fluorescein Angiography in the Diagnosis and Treatment of Diseases Involving the Macula (three hour course with AE Maumenee and JDM Gass); American Academy of Ophthalmology and Otolaryngology; Dallas, October, 1974.
19. Interpretation of the Fluorescein Angiogram and Its Role in the Diagnosis and Treatment of Fundus Disease (three hour course with L Yannuzzi, T Burton, and M Rabb); American Academy of Ophthalmology and Otolaryngology; Dallas, October, 1974.
20. Xenon Arc Photocoagulation and Argon Laser Photocoagulation in Fundus Disorders (three day course); Symposium on Fluorography; Lake Windermere, England, October, 1974.
21. Five Workshops in Fluorescein Angiographic Interpretation; Course Director and Instructor; The Retina Research Fund of St. Mary's Hospital and Medical Center, San Francisco, November and December, 1974 and January, 1975.
22. Principles and Clinical Application of Fluorescein Angiography (two day course); Guest Speaker; Wilmer Ophthalmological Institute, Baltimore, January, 1975.
23. Update Argon Laser Photocoagulation Course (one day course); Palo Alto, January, 1975.
24. Eleventh Palo Alto Laser Course (three day course); Palo Alto, January, 1975.
25. Postgraduate Convention; Oregon Academy of Ophthalmology and Otolaryngology; Portland, March, 1975.
26. Eastern Laser Photocoagulation Course (three day course); Wilmer Institute, Baltimore, April, 1975.
27. Five Workshops in Fluorescein Angiographic Interpretation; Course Director and Instructor, The Retina Research Fund of St. Mary's Hospital and Medical Center, San Francisco, 1975.
28. Twelfth Palo Alto Laser Course (three day course); Palo Alto, July, 1975.
29. Basic Science Course in Ophthalmology; Stanford University, Stanford, July, 1975.
30. Fluorescein Angiography in the Diagnosis and Treatment of Diseases Involving the Macula (three hour course with AE Maumenee and JDM Gass); American Academy of Ophthalmology and Otolaryngology; Dallas, September, 1975.
31. Interpretation of the Fluorescein Angiogram and Its Role in the Diagnosis and Management of Fundus Disease (three hour course with L Yannuzzi, T Burton, and M Rabb); American Academy of Ophthalmology and Otolaryngology; Dallas, September, 1975.
32. Course on the Macula (two day course); Course Chairman; The Retina Research Fund of St. Mary's Hospital and Medical Center, San Francisco, October, 1975.
33. Diagnosis and Management of Retinal and Macular Disorders (three day course); Michael Reese Hospital and Medical Center; Chicago, November, 1975.
34. Update Course in Diagnosis and Management of Retinal Disease (two day course); Palo Alto, January, 1976.

COURSES TAUGHT

35. Thirteenth Palo Alto Laser Course (three day course); Palo Alto, January, 1976.
36. Fundus Forum (one day course); University of Texas, Health Science Center; Houston, February, 1976.
37. Macula Conference (two day course); Manhattan Eye and Ear Infirmary; New York, March, 1976.
38. Basic Science Course in Ophthalmology; Stanford University, August, 1976.
39. Interpretation of the Fluorescein Angiogram and Its Role in the Diagnosis and Management of Fundus Disease (three hour course with L Yannuzzi, T Burton, and M Rabb); American Academy of Ophthalmology and Otolaryngology, Las Vegas, October, 1976.
40. Argon Laser Photocoagulation of Retinal Vascular Macular Disease (three hour course with K Gitter and L Yannuzzi); American Academy of Ophthalmology and Otolaryngology, Las Vegas, October, 1976.
41. The second International Symposium on Fundus Fluorography and Photocoagulation (five day course); Departments of Ophthalmology Universities of Dundee, Scotland and Manchester, England Gleneagles, Perthshire, Scotland, October, 1976.
42. Update Course in Diagnosis and Management of Retinal Disease (one day course); Palo Alto, January, 1977.
43. Fourteenth Palo Alto Laser Course (three day course); Palo Alto, January, 1977.
44. Diagnosis and Management of Macular Disease (three hour course with K Gitter and L Yannuzzi); American Society of Contemporary Ophthalmology, Miami, February, 1977.
45. Continuous Review of Ophthalmic Trends; Memorial Hospital Medical Center of Long Beach and University of California; Irvine, February, 1977.
46. Update Course (Retina); Ophthalmology Departments of Northern California, March, 1977.
47. The Macula (three day course); Touro Infirmary, Eye Research Division, New Orleans, March, 1977.
48. Four Workshops on the Retina (Retinal Detachment, Fluorescein Angiography, Management of Macular Disease); Course Director and Instructor; The Retina Research Fund of St. Mary's Hospital and Medical Center, San Francisco, February, March, April and May, 1977.
49. British Columbia Oto-Ophthalmological Society Annual Conference (two day course); Vancouver, Canada, May, 1977.
50. Retinal Pigment Epithelial Inflammation, Pigment Epithelial Toxicities, Pigment Epithelial Trauma; Retina Section, Update Course, San Francisco, June, 1977.
51. Fluorescein Angiography; Basic Science Course in Ophthalmology; Stanford, California, July, 1977.
52. Diagnosis and Management of Retinal Disease; Update Course; Ophthalmology Departments, Northern California, September, 1977.

COURSES TAUGHT

53. Argon Laser Photocoagulation of Retinal Vascular and Macular Disease (three hour course with K Gitter and L Yannuzzi); American Academy of Ophthalmology and Otolaryngology, Dallas, October, 1977.
54. Interpretation of the Fluorescein Angiogram and Its Role in the Diagnosis and Management of Fundus Disease (three hour course with L Yannuzzi, T Burton, and M Rabb); American Academy of Ophthalmology and Otolaryngology, Dallas, October, 1977.
55. Drugs Used During Retinal Detachment Surgery; Management of Pars Planitis; Ocular Drug Therapy Update, Newport Beach, California, October, 1977.
56. A Review of Retinal and Macular Disease and Surgery (one day course); Conference Chairman and Instructor; The Retina Research Fund of St. Mary's Hospital and Medical Center, San Francisco, November, 1977.
57. Fifteenth Palo Alto Course (three day course); Palo Alto, January, 1978.
58. Subretinal Neovascularization; Macular Disorders, Retinal Hamartomas and Hamartias; Basic Fundus Photography in Fluorescein Angiography (two day course); Washington State Academy of Ophthalmology, Seattle, January, 1978.
59. Management of Diabetic Retinopathy and Other Retinal Vascular Diseases (three hour course); American Society of Contemporary Ophthalmology, Miami, February, 1978.
60. Macular Symposium (three day course); University of Pennsylvania Alumni Ophthalmological Association, Philadelphia, April, 1978.
61. Three Workshops on the Retina (Retinal Detachment, Fluorescein Angiography, Management of Macular Disease); Course Director and Instructor; The Retina Research Fund of St. Mary's Hospital and Medical Center, San Francisco, Carmel and Napa, April, May and June, 1978.
62. Fluorescein Angiography and Retinal Disease (six hour course); Pacific Coast Oto-Ophthalmological Society 62nd Annual Meeting, Newport Beach, California, May, 1978.
63. Basic Science Course in Ophthalmology, Stanford University, Stanford, August, 1978.
64. Argon Laser Photocoagulation of Retinal Vascular and Macular Disease (three hour course with K Gitter and L Yannuzzi); American Academy of Ophthalmology and Otolaryngology, Kansas City, October, 1978.
65. Interpretation of the Fluorescein Angiogram and Its Role in the Diagnosis and Management of Fundus Disease (three hour course with J Berkow, L Yannuzzi, and M Rabb); American Academy of Ophthalmology and Otolaryngology, Kansas City, October, 1978.
66. What the General Ophthalmologist Should Know About Vitreous Hemorrhage and Retinal Detachment Surgery; American Academy of Ophthalmology and Otolaryngology, Kansas City, October, 1978.

COURSES TAUGHT

67. Conference of Macular and Retinal Vascular Disease (Interpretation of the Fluorescein Angiogram, Histoplasmosis, Central Serous Chorioretinopathy, Serous Choroidal Macular Degeneration, Vascular Causes of Macular Edema, Geographic Helicoid Peripapillary Choroidopathy, Subretinal Neovascularization and Traumatic Maculopathy) (three day course); University of Sao Paulo, Brasil, November, 1978.
68. Diagnosis and Management of Vascular Diseases of the Macula and New Concepts in the Diagnosis and Treatment of Fundus Disease (with L Singerman); American Society of Contemporary Ophthalmology, Las Vegas, January, 1979.
69. Frontiers in Ophthalmology (Interesting Retinal Vascular Diseases Including Shortcuts and Detours and Hamartomas and Hamartias: A Plan for the Management of Subretinal Neovascularization; Current Concepts in the Management of Vitreoretinal Disease; Mountain Shadows Resort, Scottsdale, Arizona, February, 1979.
70. Vitrectomy Microsurgery Symposium and Workshop (three day course); University of California School Medicine, San Francisco, April, 1979.
71. Diagnosis and Treatment of Retinal Vascular and Macular Disease (two day course); Course Chairman; The Retina Research Fund of St. Mary's Hospital and Medical Center, San Francisco, May, 1979.
72. Macular and Retinal Vascular Diseases (six hour course with A Vine and R Chenoweth); Pacific Coast Oto-Ophthalmological Society, Monterey, May, 1979.
73. Fluorescein Angiography Retinal Vascular Disease and Macular Diseases; Management and Treatment (one day course); Stanford Basic Science Course, Stanford, August, 1979.
74. International Macula-Fluorescein Symposium; Co-chairman; Carmel, California, October, 1979.
75. Argon Laser Photocoagulation of Retinal Vascular and Macular Disease (three hour course with L Yannuzzi and K Gitter); American Academy of Ophthalmology and Otolaryngology, San Francisco, November, 1979.
76. Interpretation of the Fluorescein Angiogram and Its Role in the Diagnosis and Management of Fundus Disease (three hour course with L Yannuzzi, T Burton, and M Rabb); American Academy of Ophthalmology and Otolaryngology, San Francisco, November, 1979.
77. What the General Ophthalmologist Should Know About Vitreous Hemorrhage and Retinal Detachment Surgery; American Academy of Ophthalmology and Otolaryngology, San Francisco, November, 1979.
78. Other Causes of Subretinal Neovascular Membranes; Ophthalmology Update Course, San Francisco, March, 1980.
79. Some Important Concepts and Misconceptions in the Management of Subretinal Neovascularization; Retinal Vascular Telangiectasis; Indications for the Laser Photocoagulation of Retinal Vascular Diseases; Techniques and Results of Vitreous Surgery and Membranectomy; International Symposium on Practical Management of Retinal and Vitreous Disorders, Gleneagles, Scotland, May, 1980.

COURSES TAUGHT

80. The Other Retinal Vascular Diseases; Management of Vitreous Hemorrhage; Complications of Argon Laser Photocoagulation for Diabetic Retinopathy; The Thirty-Second Annual Clinical Conference, Chicago, May, 1980.
81. Subretinal Neovascularization: Diagnosis, Diagnoses, and Management; Diabetic Retinopathy: Diagnosis and Treatment of Background and Proliferative Diabetic Retinopathy; Branch Vein Occlusion; Hamartomas and Hamartias (one day course); Stanford Basic Science Course; Stanford, August, 1980.
82. Coats' Disease and Other Retinal Vascular Anomalies; Other Retinal Pigment Epithelial Diseases; Ophthalmology Update Course, San Francisco, September, 1980.
83. Argon Laser Photocoagulation of Retinal Vascular and Macular Disease (three hour course with L Yannuzzi and K Gitter); American Academy of Ophthalmology and Otolaryngology, Chicago, November, 1980.
84. Fluorescein Angiography; Ophthalmology Update; Fourth Session, San Francisco, December, 1980.
85. Histology of Laser Burns; The Retinitis Entities - Cytomegalic Inclusion Virus Retinitis, Bilateral Acute Retinal Necrosis, Herpes Retinitis, Candida Retinitis; Vitritis, Endophthalmitis, and Reticulum Cell Sarcoma; Annual Basic Science Course; Retinal Section; University of California, San Francisco, December, 1980.
86. Angioid Streaks and Other Causes of Subretinal Neovascularization; University of California; Department of Ophthalmology, San Francisco, January, 1981.
87. Choroidal Tumor: Fluorescein Differential Diagnosis; Current Thinking in the Management of Ocular and Adnexal Tumors; University of California School of Medicine; Department of Ophthalmology, San Francisco, February, 1981.
88. Macular and Retinal Diseases; Chairman of Retinal-Choroid-Vitreous Section; American Society of Contemporary Ophthalmology, Orlando, March, 1981.
89. Retina Workshop; Course Director and Instructor; The Retina Research Fund of St. Mary's Hospital and Medical Center, Yosemite, California, March, 1981.
90. Retina Workshop; Course Director and Instructor; The Retina Research Fund of St. Mary's Hospital and Medical Center, Carmel, California, May, 1981.
91. Fluorescein Angiographic Interpretation; Retinal Vascular and Macular Diseases; Diagnosis and Management; Stanford Basic Science Course, Stanford, August, 1981.
92. For the General Ophthalmologist: Current Concepts in the Diagnosis and Management of Macular and Pigment Epithelial Disease and Retinal and Retinal Vascular Diseases (two hour course); American Academy of Ophthalmology and Otolaryngology, Atlanta, November, 1981.
93. Update: Disease of the Ocular Fundus (two hour course with J Donald, M Gass, A R Frederick Jr., and C P Wilkinson); American Academy of Ophthalmology and Otolaryngology, Atlanta, November, 1981.

COURSES TAUGHT

94. Retina Workshop for Bay Area Residents; Course Director and Instructor; The Retina Research Fund of St. Mary's Hospital and Medical Center, San Francisco, February, 1982.
95. Retina Workshop; Course Director and Instructor; The Retina Research Fund of St. Mary's Hospital and Medical Center, Napa, California, March, 1982.
96. Fluorescein Angiographic Interpretation; Retinal Vascular and Macular Diseases; Diagnosis and Management; Stanford Basic Science Course, Stanford, August, 1982.
97. For the General Ophthalmologist: Current Concepts in the Diagnosis and Management of Macular and Pigment Epithelial Diseases and Retinal Vascular Diseases (two hour course); American Academy of Ophthalmology and Otolaryngology, San Francisco, November, 1982.
98. For the General Ophthalmologist: Current Thinking for the Management of Vitreous Hemorrhage and Retinal Detachment (one hour course); American Academy of Ophthalmology and Otolaryngology, San Francisco, November, 1982.
99. Update on the Diseases of the Ocular Fundus (two hour course); American Academy of Ophthalmology and Otolaryngology, San Francisco, November, 1982.
100. Retina Workshop; Course Director and Instructor; The Retina Research Fund of St. Mary's Hospital and Medical Center, Palm Springs, March, 1983.
101. Management of Non-Proliferative Diabetic Retinopathy Visual Loss After PRP for Proliferative Diabetic Retinopathy; Recognizing Subretinal Neovascularization; Causes of Subretinal Neovascularization and Treatment; Laser For Cataract, Glaucoma, and Retinal Disorders Symposium, Cedars Medial Center, Miami, April, 1983.
102. Retina Workshop; Course Director and Instructor; The Retina Research Fund of St. Mary's Hospital and Medical Center, Carmel, California, May, 1983.
103. Fluorescein Angiographic Interpretation, Retinal Vascular and Macular Disease; Diagnosis and Management; Stanford Basic Science Course in Ophthalmology, Stanford, August, 1983.
104. For the General Ophthalmologist: Current Thinking for the Management of Vitreous Hemorrhage and Retinal Detachment (one hour course); American Academy of Ophthalmology and Otolaryngology, Chicago, November, 1983.
105. Current Concepts in the Diagnosis and Management of Retinal Vascular, Macular, and Pigment Epithelial Diseases (two hour course); American Academy of Ophthalmology and Otolaryngology, Chicago, November, 1983.
106. Update: Diseases of the Ocular Fundus (two hour course); American Academy of Ophthalmology and Otolaryngology, Chicago, November, 1983.
107. Current Management of Common Retinal Disorders (three courses) How Should You Follow the Patient with MD?; Central Serous Chorioretinopathy; and Retinal Arterial Macroaneurysms; University of California School of Medicine, San Francisco, December, 1983.

COURSES TAUGHT

108. Retina Workshop; Course Director and Instructor; The Retina Research Fund of St. Mary's Hospital and Medical Center, Palm Springs, March, 1984.
109. Retina Workshop (for residents); Course Director and Instructor; The Retina Research Fund of St. Mary's Hospital and Medical Center, San Francisco, April, 1984.
110. Retina Workshop; Course Director and Instructor; The Retina Research Fund of St. Mary's Hospital and Medical Center, Sonoma, California, May, 1984.
111. Fluorescein Angiography, Retinal Vascular and Macular Diseases, Diagnosis and Treatment, Different Laser Wavelengths Vitreous Hemorrhage and Retinal Detachment; Stanford Basic Science Course in Ophthalmology, Stanford, August, 1984.
112. Why Different Laser Wavelengths; Lasers in Ophthalmology Course, The Backman Laser Institute and Medical Clinic and the Department of Ophthalmology; University of California, Irvine, October, 1984.
113. Current Concepts in the Diagnosis and Management of Retinal Vascular, Macular and Pigment Epithelial Diseases (three hour course); American Academy of Ophthalmology and Otolaryngology, Atlanta, November, 1984.
114. Current Thinking on the Management of Vitreous Hemorrhage and Retinal Detachment (one hour course); American Academy of Ophthalmology and Otolaryngology, Atlanta, November, 1984.
115. Current Management of Macular Diseases; American Society of Contemporary Ophthalmology, Las Vegas, December, 1984.
116. Retina Workshop; Course Director and Instructor; The Retina Research Fund of St. Mary's Hospital and Medical Center, Sonoma, California, May, 1985.
117. Retina Workshop; Course Director and Instructor; The Retina Research Fund of St. Mary's Hospital and Medical Center, Carmel, California, May, 1985.
118. Fluorescein Angiography, Retinal Vascular and Macular Diseases Diagnosis and Treatment, Different Laser Wavelengths, Vitreous Hemorrhage and Retinal Detachment; Stanford Basic Science Course in Ophthalmology, Stanford, August, 1985.
119. Vitreous Diseases: Vitreous Hemorrhage, Managing the Vitreous During and After Cataract Surgery, Vitreous, Opacities, Membranes and Traction (one hour course); American Academy of Ophthalmology, San Francisco, September, 1985.
120. Advanced Laser Photocoagulation Utilizing the Krypton Red Argon Green Lasers (two hour course); American Academy of Ophthalmology, San Francisco, October, 1985.
121. Current Concepts in the Diagnosis and Management of Retinal Vascular, Macular and Pigment Epithelial Diseases (three hour course); American Academy of Ophthalmology, San Francisco, October, 1985.
122. Retina Workshop (for Bay Area residents); Course Director and Instructor; The Retina Research Fund of St. Mary's Hospital and Medical Center, San Francisco, February, 1986.

COURSES TAUGHT

123. Retina Workshop; Course Director and Instructor; The Retina Research Fund of St. Mary's Hospital and Medical Center, Carmel, May, 1986.
124. Retina Workshop; Course Director and Instructor, The Retina Research Fund of St. Mary's Hospital and Medical Center, Napa, California, June, 1986.
125. Fluorescein Angiography, Retina, Macula, Vitreous; Stanford Basic Science Course in Ophthalmology, Stanford, August, 1986.
126. Why Different Laser Wavelengths, Laser Therapy for Macular Degeneration and Subretinal Neovascular Membranes, Retinal Tears and Detachments; Lasers In Ophthalmology Course; The Bechman Laser Institute and Medical Clinic and the Department of Ophthalmology, University of California, Irvine, September, 1986.
127. International Symposium; Laser Photocoagulation of the Macula; Co-chairman, New Orleans, November, 1986.
128. Vitreous Diseases: Vitreous Hemorrhage, Managing the Vitreous During and After Cataract Surgery, Vitreous Opacities Membranes and Traction (two hour course); American Academy of Ophthalmology, New Orleans, November, 1986.
129. Current Concepts in the Diagnosis and Management of Retinal Vascular, Macular and Pigment Epithelial Diseases (three hour course); American Academy of Ophthalmology, New Orleans, November, 1986.
130. Krypton Red Argon Green Laser Photocoagulation of Selected Macular Disorders (two hour course); American Academy of Ophthalmology, New Orleans, November, 1986.
131. Retina Workshop; Course Director and Instructor; The Retina Research Fund of St. Mary's Hospital and Medical Center, Palm Springs, March, 1987.
132. Retina Workshop; Course Director and Instructor; The Retina Research Fund of St. Mary's Hospital and Medical Center, Carmel, California, April, 1987.
133. Fluorescein Angiography, Retina, Macula, Vitreous; Stanford Basic Science Course in Ophthalmology, Stanford, July, 1987.
134. Art of Medicine; Stanford Basic Science Course in Ophthalmology, Stanford, September, 1987.
135. Diabetic Retinopathy Seminar; Course Director and Instructor; Hyatt on Union Square, San Francisco, September, 1987.
136. Advances in Ophthalmic Surgery, Session IIA; Advances in Management of Posterior Segment Disorders; Course Moderator; American College of Surgeons, San Francisco, October, 1987.
137. Current Concepts in the Diagnosis and Management of Retinal Vascular, Macular and Pigment Epithelial Diseases (three hour course); American Academy of Ophthalmology, Dallas, November, 1987.

COURSES TAUGHT

138. Vitreous Diseases: Vitreous Hemorrhage, Managing the Vitreous During and after Cataract Surgery, Vitreous Opacities Membranes and Traction (two hour course); American Academy of Ophthalmology, Dallas, November, 1987.
139. Laser Photocoagulation of Retinal-Macular Diseases (two hour course); American Academy of Ophthalmology, Dallas, November, 1987.
140. Rare, Unusual, Interesting and/or Instructive Medical Retinal Cases (three hour course); American Academy of Ophthalmology, Dallas, November, 1987.
141. Retina Symposium: State of the Art - A Look to the Future; Course Director and Moderator; Hotel Meridian, San Francisco, March, 1988.
142. Fluorescein Angiography, Retina, Macula, Vitreous; Stanford Basic Science Course in Ophthalmology, July, 1988.
143. Current Concepts in the Diagnosis and Management of Retinal Vascular, Macular and Pigment Epithelial Diseases (three hour course); American Academy of Ophthalmology, Las Vegas, October, 1988.
144. Vitreous Diseases: The Role of the Vitreous in Retinal Disease, Vitreous Hemorrhage and Managing the Vitreous During and After Cataract Surgery (two hour course); American Academy of Ophthalmology, Las Vegas, October, 1988.
145. Laser Photocoagulation of Retinal-Choroidal Diseases (three hour course); American Academy of Ophthalmology, Las Vegas, October, 1988.
146. Rare, Unusual, Interesting and/or Instructive Medical Retinal Cases (three hour course); American Academy of Ophthalmology, Las Vegas, October, 1988.
147. Basic Fluorescein Angiography; Fundus Diseases; Advanced Course; XVIII Mexican Congress of Ophthalmology, Tampico, Mexico, September, 1988.
148. Advanced Retina Workshop; Course Director; The Retina Research Fund of St. Mary's Hospital and Medical Center, Carmel, April, 1989.
149. Retina Workshop; Course Director and Instructor; The Retina Research Fund of St. Mary's Hospital and Medical Center, Carmel, May, 1989.
150. Fluorescein Angiography, Retina, Macula, Vitreous: Stanford Basic Science Course in Ophthalmology, August, 1989.
151. A Day of Ophthalmology, Course Director; Holiday Inn Bay Bridge, Emeryville, September, 1989.
152. Rare, Unusual, Interesting and/or Instructive Medical Retinal Cases (three hour course); American Academy of Ophthalmology, New Orleans, November, 1989.
153. Retina Workshop; Course Director and Instructor; The Retina Research Fund of St. Mary's Hospital and Medical Center, San Francisco, April and May, 1990.

COURSES TAUGHT

154. Fluorescein Angiography, Retina, Macula, Vitreous: Stanford Basic Science Course in Ophthalmology, July, 1990.
155. Masters of Ophthalmology; Organizing Committee-Moderator for section on Medical Retina, San Francisco, October, 1990.
156. Rare, Unusual, Interesting and/or Instructive Medical Retinal Cases (three hour course); American Academy of Ophthalmology, Atlanta, October, 1990.
157. Medical Retina: A Review of One Subject: Dots and Spots, Flecks and Specks (one hour course); American Academy of Ophthalmology, Atlanta, October, 1990.
158. Retina Workshop; Course Director and Instructor; The Retina Research Fund of St. Mary's Hospital and Medical Center, San Francisco, April, 1991.
159. Fluorescein Angiography Workshop; Osteopathic College of Ophthalmology and Otolaryngology 75th Annual Clinical Assembly, Monterey, April, 1991.
160. Advanced Retina Symposium; Course Director; Retina Research Conference, San Francisco, May, 1991.
161. Fluorescein Angiography, Retina, Macula, Vitreous: Stanford Basic Science Course in Ophthalmology, July, 1991.
162. Rare, Unusual, Interesting and/or Instructive Medical Retinal Cases (three hour course); American Academy of Ophthalmology, Anaheim, October, 1991.
163. Medical Retina: A Review of One Subject: Retinal Vascular Occlusion (one hour course); American Academy of Ophthalmology, Anaheim, October, 1991.
164. New Horizons in Retinal Problems for the Practicing Ophthalmologist (one hour course); American Academy of Ophthalmology, Anaheim, October, 1991.
165. Retina Workshop; Course Director and Instructor; The Retina Research Fund of St. Mary's Hospital and Medical Center, San Francisco, April, 1992.
166. Retinal Diseases and Fluorescein Angiography; Stanford Basic Science Course in Ophthalmology, Stanford, July 1992.
167. Diabetes Seminar; Course Director; The Retina Research Fund of St. Mary's Hospital and Medical Center, San Francisco, October, 1992.
167. Medical Retina: A Review of One Subject: Central Serous Chorioretinopathy: A Practical Perspective (one hour course); American Academy of Ophthalmology, Dallas, November, 1992.
168. New Horizons in Retinal Problems for the Practicing Ophthalmologist (one hour course); American Academy of Ophthalmology, Dallas, November, 1992.
169. Advanced Retina Symposium; Course Director; Retina Research Conference, San Francisco, March, 1993.

COURSES TAUGHT

170. Retina Workshop; Course Director and Instructor; The Retina Research Fund of St. Mary's Hospital and Medical Center, San Francisco, May, 1993.
171. Retinal Diseases and Fluorescein Angiography; Stanford Basic Science Course in Ophthalmology, Stanford, July 1993.
172. Infectious Disease/Retinitis Seminar; Course Director, The Retina Research Fund of St. Mary's Hospital and Medical Center, San Francisco, October, 1993.
173. New Horizons in Retinal Problems for the Practicing Ophthalmologist (one hour course); American Academy of Ophthalmology, Chicago, November, 1993.
174. Medical Retina: A Review of One Subject: Retinal Telangiectasis (one hour course); American Academy of Ophthalmology, Chicago, November, 1993.
175. Retina Workshop; Course Director and Instructor; The Retina Research Fund of St. Mary's Hospital and Medical Center, San Francisco, May, 1994.
176. Retinal Diseases and Fluorescein Angiography; Stanford Basic Science Course in Ophthalmology, Stanford, July, 1994.
177. Retina Update Course; Course Director, The Retina Research Fund of St. Mary's Hospital and Medical Center, San Francisco, September, 1994.
178. The Eye and Aging Seminar; Course Director, The Retina Research Fund of St. Mary's Hospital and Medical Center, San Francisco, October, 1994.
179. Medical Retina: A Review of One Subject: Conditions that Mimic Choroidal Neovascularization (one hour course); American Academy of Ophthalmology, San Francisco, November, 1994.
180. Retina Workshop; Course Director and Instructor; The Retina Research Fund of St. Mary's Hospital and Medical Center, San Francisco, May, 1995.
181. Diabetes and Diabetic Retinopathy; Course Director, The Retina Research Fund of St. Mary's Hospital and Medical Center, San Francisco, September, 1995.
182. Retina Update Course; Course Director, The Retina Research Fund of St. Mary's Hospital and Medical Center, San Francisco, February, 1996.