

Don Minckler, M.D., MS.

CURRICULUM VITAE

(Revised 5/4/07)

A. PERSONAL INFORMATION:

BUSINESS ADDRESS 118 Med Surge I, Irvine CA, 92697
BUSINESS PHONE (949) 824-8089; FAX (323) 442- 6412

B. EDUCATION:

HIGH SCHOOL Milwaukie Public Schools
Milwaukie, Oregon
June 1957

COLLEGE/UNIVERSITY Reed College
Portland, Oregon
B.A., 1962

MEDICAL SCHOOL University of Oregon Medical School
Portland, Oregon
M.D., 1964

GRADUATE SCHOOL University of Southern California
Department of Preventive Medicine
MS Biomedical & Clinical Investigations
(June 2006)

INTERNSHIP U.S. Naval Hospital
San Diego, California
July 1964 - June 1965
(Rotating)

MILITARY MEDICAL TRAINING USN Flight Surgeon
School of Aviation Medicine
Pensacola, Florida
February 1966

C. RESIDENCIES:

General Pathology
University of Washington School of Medicine
Seattle, Washington
1968-1970

General Pathology
In-service training University of Southern California
Los Angeles, California
(County-USC pathology/Doheny Eye Inst)
1976-78

Ophthalmology
University of Washington School of Medicine
Seattle, Washington
1970-1973

D. FELLOWSHIPS:

Ophthalmic Pathology
Armed Forces Institute of Pathology
Washington, D.C.
1973-1975

Glaucoma
Shaffer Associates & University of California
San Francisco, California
1981-1982

E. HONORS AND AWARDS:

M.D. Cum Laude, 1964
Alpha Omega Alpha, 1964

Senior Resident Teaching Award
Ophthalmology
University of Southern California
1990 – 1993

Senior Resident Teaching Award
Ophthalmology
University of Southern California
1995 – 1998

Distinguished Achievement Award
Doheny – USC Professional Association
Distinguished Achievement Award
June 18, 2005

Award for Excellence in Resident Training
University of Southern California
Ophthalmology
1995

Associate Examiner
American Board of Ophthalmology
1978 – 1998

Board of Directors
American Board of Ophthalmology
January 1999 – present
Vice Chair 2005
Chairman of Board 2006

American Ophthalmological Society
Elected Member
1986-present

Honor Award
American Academy of Ophthalmology
1986

Elected Member
Glaucoma Society of the
International Congress of Ophthalmology
(now the Glaucoma Research Society)
1986 – Present
Executive Committee
1990 – Present
President
6/98 - 4/2003

American Academy of Ophthalmology
Elected Fellow 1976 - present

Appointed member
Instruction Advisory Committee
American Academy of Ophthalmology
1982 – 1983

Appointed Member, Glaucoma Panel
Quality of Care Committee
American Academy of Ophthalmology
April 1988 - 1992

Chair, Instruction Advisory Committee
American Academy of Ophthalmology
1983 – 1985

Chair, Skills Transfer Committee
Associate Secretary for Skills Transfer
American Academy of Ophthalmology
January 1986 - December 1991

Appointed Chair, ANSI Z-81
American Academy Sub-Committee on
Glaucoma Drainage Implants
American National Standards Institute
1990 – 1997

Senior Honor Award
American Academy of Ophthalmology
1997

Appointed Editor-in-Chief
Ophthalmology
January 1995 – December 2002
Secretariat Award 2002

Member Board of Trustees
American Academy of Ophthalmology
January 1995 – December 2002.

Elected Treasurer
American Glaucoma Society
January 1992 - December 1996

Appointed
International Advisory Board
Middle East Journal of Ophthalmology
December 1996 – present

American Academy of Ophthalmology
Appointed member Ophthalmic Technology Assessment Committee AAO 2006

Listed In Best Doctors in America 1995 -2007
Listed in Castle Connolly Top Doctors in America 2001-2007
Listed in Guide to America's Top Ophthalmologists 2006 (Consumer's Research Council of America)

F. LICENSURE:

Washington State, 1969 (inactive)
Maryland, 1973 (inactive)
California, 1976 License # G-33305
DEA # AM7388297

G. MILITARY SERVICE:

USN Medical Corps, 1963-1968
Flight Surgeon
Headquarters Support Activity
Taipei, Taiwan 1966-1968

Flight Surgeon
Naval Air Station
Seattle, Washington, 1968

Honorable Discharge
Lt Cdr., 1971

H. BOARD CERTIFICATION:

Ophthalmology, 1975

Anatomic Pathology, 1978

Re-certification: Ophthalmology November 2006

I. PROFESSIONAL BACKGROUND:

ACADEMIC APPOINTMENTS:

Assistant Professor of Ophthalmology
University of Washington School of Medicine
Seattle, Washington
July 1975 - October 1976

Adjunct Assistant Professor of Pathology
University of Washington School of Medicine
Seattle, Washington
July 1975 - October 1976

Chief of Ophthalmology
Veterans Administration Hospital
Seattle, Washington
July 1975 - October 1976

Affiliate, Regional Primate Research Center
University of Washington
Seattle, Washington
September 1975 - October 1976

Director, Pathology & Director, Laboratories
Estelle Doheny Eye Foundation
Los Angeles, California
October 1976 - July 1983

Assistant Professor of Ophthalmology
University of Southern California School of Medicine
Los Angeles, California
October 1976 - July 1979

Assistant Professor of Pathology
University of Southern California School of Medicine
Los Angeles, California
October 1976 - July 1979

Associate Professor of Pathology
University of Southern California School of Medicine
Los Angeles, California
July 1979 - July 1984

Associate Professor of Ophthalmology
University of Southern California School of Medicine
Los Angeles, California
July 1979 - July 1984

Director, Glaucoma Services

Estelle Doheny Eye Foundation
 University of Southern California Keck School of Medicine
 Los Angeles, California
 July 1982 – August 2005.
 Emeritus Director of Glaucoma Service
 August 2005 – June 2006.

Professor of Ophthalmology
 University of Southern California School of Medicine
 Los Angeles, California
 July 1984 – June 30, 2006.

Adjunct Associate Member
 Department of Basic and Clinical Research
 Scripps Clinic and Research Foundation
 La Jolla, California
 January 1988 - December 1988

Professor of Ophthalmology
 Director of Glaucoma Services
 University of California, Irvine
 Irvine, CA
 July 1, 2006 - present

Joint appointment
 Professor of Pathology (Ophthalmic pathology)
 University of California, Irvine
 Irvine, CA
 November, 2006.

J. Editorial Board Appointments:

1. Ophthalmology 1995 – 2002 (Editor-in-Chief)
2. Middle Eastern Journal of Ophthalmology 1995 – present
3. Evidence-based Eye Care 1999 – present
4. International Glaucoma Review (IGR) 1998 – present
5. Biomed Central (Scientific Advisory Board)

K. Journal Review Activity:

Archives of Ophthalmology
 American Journal of Ophthalmology
 Investigative Ophthalmology and Visual Science
 Ophthalmology
 Journal of Glaucoma
 Evidence-based Eye Care
 British Journal of Ophthalmology

L. International Research Reviews:

Canadian Research Council
 Singapore Research Council

Australian Research Council

M. SOCIETY MEMBERSHIPS:

SOCIETIES:

American Academy of Ophthalmology
1975 - Present

American Association of Ophthalmic Pathologists
1979 - Present

American Glaucoma Society
1987 - Present

American Medical Association
1965 - 1994

American Ophthalmological Society
1986 - present

American Society of Clinical Pathologists
1978-1983

Association of Ophthalmic Alumni of the
Armed Forces Institute of Pathology
1973- Present

Association for Research in Vision and Ophthalmology
1973 – Present
Section program Committee and Chair, Anatomy and Pathology 1981-1982;
Section program Committee and Chair, Glaucoma 1990-1991.

California Association of Ophthalmology
1978 - present

California Medical Association
1976 - 1994

College of American Pathologists
1978-1983

Glaucoma Society of Southern California
1984 - Present

International Academy of Pathology
1978-1983

International Perimetric Society
1985-1990

Los Angeles County Medical Association
1976 - 1994

Los Angeles Countyf Ophthalmology Society
1977 - Present

Michael Hogan Eye Pathology Society
1975 - Present

Glaucoma Society
International Congress of Ophthalmology
(Glaucoma Research Society after 2006)
1986 – Present

Pacific Coast Oto-Ophthalmological Society
1975-1989

Pan American Glaucoma Society
1982 - 1994

Professional Staff Association
University of Southern California
1976 - Present

Shaffer Society
1981 – Present

Association of International Glaucoma Societies
2003-present
Advisory Board 2003-present

N. CONSULTANTSHIPS:

Veterans Administration Hospital
San Francisco, California
1981-1982

U.S. Naval Hospital
San Diego, California
1988-1989

Jerudong Park Medical Centre
Brunei
1995 – 1998

Long Beach Veterans Hospital
Long Beach, CA
July 2006 - present

O. HOSPITAL APPOINTMENTS:

Resident Physician:

University of Washington
Hospitals and Clinics
Seattle, Washington
1968-1972

Staff Physician
University of Washington
Hospitals and Clinics
Seattle, Washington
1975-1976

Chief, Ophthalmology
Veterans Administration Hospital
Seattle, Washington
1975-1976

Staff Physician
Los Angeles County - USC Medical Center
Los Angeles, California
1976 – June 2006.

Active Staff
Huntington Memorial Hospital
Pasadena, California
1977-September 1987
Courtesy Staff
1993 - 1996

Active Staff
St. Mary's Hospital
San Francisco, California
1981-1982

Fellow in Glaucoma
UC San Francisco Hospitals and Clinics

San Francisco, California
1981-1982

Active Staff
Alhambra Community Hospital
Alhambra, California
1982 - September 1987

Active Staff
Childrens Hospital
Los Angeles, California
1983 - September 1987

Active Staff
Doheny Eye Hospital
Los Angeles, California
1985 - 1995

Active Staff
Green's Hospital
Scripps Clinic and Research Foundation
La Jolla, California
September 1987 - December 1988

Courtesy Staff
Childrens Hospital of San Diego
San Diego California
November 1987 - August 1988

Active Staff
USC University Hospital
Los Angeles, California
1991 - June 30, 2006.

Active Staff
Chapman Medical Center
Orange CA
1999 - July 2006

Courtesy Staff
Veterans Administration Facility
Los Angeles, California
1992 - Sept. 1996

Consultant Staff
Long Beach Veterans Hospital
Long Beach California
July 2006 - present

Medical Staff
UC Irvine Medical Center
July 27, 2006 - present

P. RESEARCH ACTIVITIES:

NON-GOVERNMENT AGENCY:

Scientific Advisory Board
Foundation for Glaucoma Research
San Francisco, CA
1982 - Present

Catalyst Group
Foundation for Glaucoma Research
March 29-30, 1966
Santa Cruz, CA

Steering Committee
Cochrane Eye and Vision Group

July 2002 - present

GOVERNMENT AGENCIES:

National Eye Institute
Neurological Sciences Fellowship Panel
November 1979

National Eye Institute
Task Force on Ocular Melanoma
April 1980

National Eye Institute
Glaucoma Advisory Panel
1981

Veterans Administration
Ad hoc grant review
1976 - Present

National Institutes of Health
Division of Research Grants
Visual Sciences (Vis A-2)
Study Section Member
Bethesda, Maryland
July 1981 - June 1983

Chairman ANSI Z-80 Subcommittee
Glaucoma Drainage Devices
1994 - July 1996

Guest Speaker
FDA Ophthalmic Devices Panel
Gaithersburg, MD
1/22/96

**Q. NATIONAL INSTITUTES
OF HEALTH GRANT AWARDS:**

Morphology of Monkey Optic Nerve
EY02210
Principal Investigator
Initial award: 1978-1980
Renewal :1981-1984
Total awarded: \$452,354

Training Grant
EY05396
Sponsor
Initial award: 1979-1981
Total awarded: \$32,000

Biomedical Research Support Grant
RR05810
Director
Initial award: 1981-1983
Total awarded: \$189,011

Histology, CORE Grant
EY03040
Director
Initial award: 1979-1983
Total awarded: \$86,395

The Pathogenesis of Nerve Fiber Injury in Glaucoma
EY05103
Co-Principal Investigator
(Awarded 10/12/83 - Funded 3/84)
Total awarded: \$223,104

Argon Laser Trabeculoplasty Glaucoma Trial
EY02210
Principal Investigator (Center Director)
Initial award: 1985-1986
Total awarded: \$59,321

Primate Trabeculectomy with Sustained-Release 5-Fluorouracil
BRSG # EY05810
(Co-Investigator)
Initial award: 08/15/86-02/15/87
Total awarded: \$4,956

5-Fluorouracil (5-FU) and Glaucoma Filtering Surgery
Grant # EY06806
(Co-Investigator)
Initial award: 10/30/86-03/31/90
Total awarded: \$197,062

5-Fluorouracil (5-FU) and Glaucoma Filtering Surgery
Grant # EY06806
(Co-Investigator)
Initial award: 04/01/90-03/31/93
Total awarded: \$108,779

Collaborative Initial Glaucoma Treatment Study
Grant # EY09100
(Co-Investigator)
Initial award: 07/01/93-06/30/98
Total awarded: \$325,769

R. NON-FEDERAL GRANTS:

Morphology of Monkey Optic Nerve
Principal Investigator
USC - Professional Staff Association
Initial award: 1977
Total awarded: \$4,190

Mechanism of Nerve Injury in Glaucoma
Principal Investigator
The Foundation for Glaucoma Research
Initial award: 1984
Total awarded: \$24,633

Nerve Fiber Layer Damage in Glaucoma
Principal Investigator
American Health Assistance Foundation
Initial award: 1984
Total awarded: \$32,335

Pathophysiology of Filtration in Glaucoma Implants
Principal Investigator
American Health Assistance Foundation
Initial award: 1985 -1990
Total awarded: \$78,118

A Double-Masked, Dose Response Study of the Effect of Multiple Doses of
Diclofenac Sodium Ophthalmic Solution versus inflamase Forte ophthalmic
Solution on Inflammation following Argon Laser Iridotomy.
(Co-Investigator)
Ciga-Geigy, Pharmaceuticals Division
Initial award: 10/17/86-10/21/87
Total awarded: \$6,969

Comparison of PhXA41 to Timolol in open angle Glaucoma and Ocular
Hypertension: A Multicenter Study
Principal Investigator (Center Director)

Kabi Pharmacia Ophthalmics
 Initial award: February 1993
 Total awarded: \$50,000

A Six-Month, Open-Label Study with PhXA41 in Patients with Open Angle
 Glaucoma or Ocular Hypertension: A Multicenter Study in the United States
 Principal Investigator (Center Director)

Kabi Pharmacia Ophthalmics
 Initial award: September 1993
 Total awarded: \$17,941.00

L.K. Whittier Foundation
 Principal Investigator
 Initial award: April 1993
 Total awarded: \$50,000

Alcon Laboratories June 1997
 3-Month Multicenter Study \$5000.00
 Principal Investigator
 Timolol Gel Forming Solution

Whittier Foundation April 1998
 Pathogenesis of Glaucoma \$75,000

Allergan, Irvine CA (\$50,000)
 Memantine Study Investigator
 January 1999 – present

Allergan, Irvine CA
 Unrestricted Grant to Glaucoma Service
 2003-4 \$50,000

PI: Three Dimensional Re-construction of the Lamina Cribrosa Using Second
 Harmonic Imaging Microscopy" \$34,305
 01/01/07 - 12/31/07

GLAUCOMA RESEARCH FOUNDATION, SAN FRANCISCO, CA

Co-investigator with Donald J. Brown, Ph.D. PI "Pressure Induced Dynamic 3D
 Changes in Lamina Cribrosa Using Second Harmonic Imaging Microscopy"
 \$40,000
 01/01/07 - 12/31/07

THE GLAUCOMA FOUNDATION, NEW YORK, NEW YORK

S. BILIOGRAPHY:

Published Symposia (non peer review):

1. **Minckler DS**, Xu S, Ogden TE: Distribution of axonal transport Injury in the lamina in experimental glaucoma in the monkey. Glaucoma Update III, Proceedings of the Glaucoma Society of the International Congress of Ophthalmology, Bussum, Netherlands, Sept 11-14, 1986. Krieglstein GK (ed): Springer-Verlag, 1986, 27 -35.
2. **Minckler DS** and Ogden T: Primate arcuate nerve fiber bundle anatomy. In: *Seventh International Visual Field Symposium*, Amsterdam, September 1986, Greve, EL and Heijl, A (eds). Martinus Nijhoff/Dr W Junk, Publishers, Dordrecht, Netherlands, 1987, pp. 605-612.
3. Heuer DK, Lloyd MA, Abrams DA, Baerveldt G, **Minckler DS**, Martone JF, Lee MB, and Gauderman J: Preliminary report of a randomized clinical trial of single plate versus double plate Molteno implantation for glaucomas in aphakia and pseudophakia. Glaucoma Update IV, Proceedings of the Glaucoma Society of the International Congress of Ophthalmology, Bali, March 1990. Krieglstein GK (ed): Springer-Verlag, 1990, 244-249.
4. **Minckler DS**, Shamma A, Wilcox M, Ogden TE: Pathophysiology of Molteno implants. Glaucoma Update IV, Proceedings of the Glaucoma Society of the International Congress of Ophthalmology, Bali, March 1990. Krieglstein GK (ed): Springer-Verlag, 1990, pp 236-238.

5. Hill RA, **Minckler DS**, Lee M, Heuer DK, Baerveldt G, Martone JF: Medical management of cycloplegic-induced intraocular pressure spikes. Gramer E, Kampik A (eds) *Pharmakotherapie am auge*, Springer-Verlag, Wurzberg, FRG, 1990, 116-120.
6. **Minckler DS**, Weinreb R: Histology of Optic Nerve Injury in Experimental Ocular Hypertension in Early glaucoma. *Glaukom - Diagnostik und Therapie*. Gramer E. (Ed) Ferdinand Enke Verlag Stuttgart, 1990, pg 7-11.
7. Prata JA Jr, **Minckler DS**, Seah SKL, Heuer DK, Baerveldt G, Lee PP: Mitomycin-C bits and pieces. *Glaucoma update V*, Krieglstein GK (Ed), Proceedings of the Glaucoma Society of the International Congress of Ophthalmology, Quebec City, Canada, 1994. Krieglstein GK (ed): Kaden Verlag, 1995, 349-356.
8. **Minckler DS**: Re-intervention as treatment of glaucoma. Rome, Italy, February 1996.
9. **Minckler DS**: Cyclodestructive procedures - are newer approaches better?, New Orleans Academy of Ophthalmology Symposium, 1996.
10. **Minckler DS**: Glaucoma drainage devices, problems and promise. New Orleans Academy of Ophthalmology Symposium 1996.
11. **Minckler DS**: Medical and surgical management of neovascular and uveitic glaucoma. New Orleans Academy of Ophthalmology Symposium 1996.
12. **Minckler D**: The pathophysiology of visual field injury in glaucoma (correlating anatomy and tissue alterations with clinical field analysis. New Orleans Academy of Ophthalmology Symposium 1996.
13. **Minckler DS**: Glaucoma drainage devices, horsehair to silicone. American Academy of Ophthalmology Glaucoma Day Symposium, Chicago, Illinois, October 1996. 100 Years of Progress in Glaucoma, Ch 19, Lippincott-Raven, Philadelphia, 1997, pp 287-292.
14. Prata JA, **Minckler DS**, Seah SKL, Heuer DK, Baerveldt G, Lee PP: Mitomycin-C Bits. Krieglstein GK (Ed) *Glaucoma Update V*, Kaden Verlag, Heidelberg, 1997, pp 349-371.
15. **Minckler DS**, Varma R, Dawson A, Nixon S, Donnelly S, Labree L. In: Gramer E, Grehn F, (Eds.) *Pathogenesis and Risk Factors of Glaucoma*. Springer-Verlag, Berlin, 1999. Ch 1, *Ophthalmology's Contributions to Clinical Research and Glaucoma – Study Designs Utilized in Journal Publications During the Last Decade*, pages 1 – 9.
16. Weinreb RN, Kitazawa Y, Krieglstein GK (Eds); *Glaucoma in the 21st Century*, Ch 34 (**Minckler DS**) *Glaucoma tube implants*, Harcourt Health Communications, 2000.
17. Ritch R, **Minckler DS**, *Laser Trabeculoplasty, Glaucoma Surgery, Open-angle Glaucoma*, pp 21-40, pg 241-7, Weinreb RN and Crowston JG (Eds), Kruger Publications, The Hague, The Netherlands, 2005.

Published Articles (peer-review)

1. **Minckler DS**, Meligro CH and Norris HT: Carcinosarcoma of the larynx: case report with metastases of epidermoid and sarcomatous elements. *Cancer* 1970;26:195-200.
2. Marty R and **Minckler DS**: Radiation myelitis simulating tumor. *Arch Neurol* 1973;29:352-354.
3. **Minckler DS**, Font RI and Zimmerman LE: Uveitis and reticulum cell sarcoma of brain with bilateral neoplastic seeding of vitreous without retinal or uveal involvement. *Am J Ophthalmol* 1975;80:433-439.
4. **Minckler DS**, McLean EB, Shaw, CM and Hendrickson, A: Herpesvirus hominis encephalitis and retinitis. *Arch Ophthalmol* 1976;94:89-95.
5. **Minckler DS** and Tso MOM: A light microscopic, autoradiographic study of axoplasmic transport in the normal rhesus optic nerve head. *Am J Ophthalmol* 1976;82:1-15.
6. **Minckler DS**, McLean IW and Tso MOM: Distribution of axonal and glial elements in the rhesus optic nerve head studied by electron microscopy. *Am J Ophthalmol* 1976;82:179-187.
7. **Minckler DS** and Tso MOM: Experimental papilledema produced by cyclocryotherapy. *Am J Ophthalmol* 1976;82:577-589.

8. **Minckler DS**, Tso MOM and Zimmerman LE: A light microscopic, autoradiographic study of axoplasmic transport in the optic nerve head during ocular hypotony, increased intraocular pressure, and papilledema. *Am J Ophthalmol* 1976;82:741-757.
9. Bunt AH and **Minckler DS**: Displaced ganglion cells in the retina of the monkey. *Invest Ophthalmol Vis Sci* 1977;16:95-98.
10. Bunt AH, **Minckler DS** and Johanson GW: Demonstration of bilateral projection of the central retina of the monkey with horseradish peroxidase neuronography. *J Comp Neurol* 1977;171:619-630.
11. **Minckler DS**, Bunt AH and Johanson GW: Orthograde and retrograde axoplasmic transport during acute ocular hypertension in the monkey. *Invest Ophthalmol Vis Sci* 1977;16:426-441.
12. Jensen P, **Minckler DS** and Chandler JW: Epithelial ingrowth. *Arch Ophthalmol* 1977;95:837-842.
13. **Minckler DS** and Bunt AH: Axoplasmic transport in ocular hypotony and papilledema in the monkey. *Arch Ophthalmol* 1977;95:1430-1436.
14. Bunt AH and **Minckler DS**: Foveal sparing: new anatomical evidence for bilateral representation of the central retina. *Arch Ophthalmol* 1977;95:1445-1447.
15. **Minckler DS**, Bunt AH and Klock IB: Radioautographic and cytochemical ultrastructural studies of axoplasmic transport in the monkey optic nerve head. *Invest Ophthalmol Vis Sci* 1978;17:33-50.
16. **Minckler DS** and Allen AW Jr: Adenocarcinoma of the retinal pigment epithelium. *Arch Ophthalmol* 1978;96:2252-2254.
17. **Minckler DS** and Thompson FB: Photocoagulation of malignant melanoma. *Arch Ophthalmol* 1979;97:120-123.
18. Allen AW Jr, Moon JB, Hovland KR and **Minckler DS**: Ocular findings in thoracic-pelvic-phalangeal dystrophy. *Arch Ophthalmol* 1979;97:489-492.
19. **Minckler DS**: Pyogenic granuloma of the cornea simulating squamous cell carcinoma. *Arch Ophthalmol* 1979;97:516-517.
20. Diddie KR, Schanzlin DJ, Mausolf FA, **Minckler DS** and Trousdale MD: Necrotizing retinitis caused by opportunistic virus infection in a patient with Hodgkin's disease. *Am J Ophthalmol* 1979;88:668-673.
21. Astarita RW, **Minckler DS**, Taylor CR, Levine A and Lukes RJ: Orbital and adnexal lymphomas: a multiparameter approach. *Am J Clin Pathol* 1980;73:615-621.
22. Krohel GB, Krauss HR, Christensen RE and **Minckler DS**: Orbital abscess. *Arch Ophthalmol* 1980;98:274-276.
23. Shammass HJF, **Minckler DS** and Ogden C: Ultrasound in early thyroid orbitopathy. *Arch Ophthalmol* 1980;98:277-279.
24. Smith RE, McDonald HR, Nesburn AB and **Minckler DS**: Penetrating keratoplasty: changing indications, 1947 to 1978. *Arch Ophthalmol* 1980;98:1226-1229.
25. **Minckler DS**: The organization of nerve fiber bundles in the primate optic nerve head. *Arch Ophthalmol* 1980;98:1630-1636.
26. Affeldt JC, **Minckler DS**, Azen SP and Yeh L: Prognosis in uveal melanoma with extrascleral extension. *Arch Ophthalmol* 1980;98:1975-1979.
27. Macy JI, Mandelbaum SH and **Minckler DS**: Orbital cellulitis. *Ophthalmology* 1980;87:1309-1313.
28. Macy JI, **Minckler DS** and Smith RE: Experimental inflammatory serous detachment of the retina. *Arch Ophthalmol* 1980;98:2217-2219.
29. Cleary PE, **Minckler DS** and Ryan SJ: Ultrastructure of traction retinal detachment in rhesus monkey eyes after a posterior penetrating ocular injury. *Am J Ophthalmol* 1980;90:829-845.
30. Winthrop SR, Cleary PE, **Minckler DS** and Ryan SJ: Penetrating eye injuries: a histopathological review. *Am J Ophthalmol* 1980;64:809-817.

31. Duane TD, Albert D, Clark WH, Leske MC, **Minckler DS** and Nathanson L: Report of the ocular melanoma task force. *Am J Ophthalmol* 1980;90:728-733.
32. Shamma JF, **Minckler DS**, Hulquist CR and Sherins RS: Melanocytoma of the ciliary body. *Ann Ophthalmol* 1981;13:1381-1383.
33. **Minckler DS**: Mechanism of optic nerve damage in glaucoma. *Trans Pac Coast Oto Ophthalmol Soc*, 1981;62:17-24.
34. **Minckler DS** and Spaeth GL: Optic nerve damage in glaucoma. *Surv Ophthalmol* 1981;26:128-148.
35. Lee JS, Smith RE and **Minckler DS**: Scleral melanocytoma. *Ophthalmology* 1982;89:178-181.
36. Floyd BB, **Minckler DS** and Valentin L: Intraocular medulloepithelioma in a 79 year-old man. *Ophthalmology* 1982;89:1088-1094.
37. Rhodes RH, Mandelbaum SH, **Minckler DS** and Cleary PE: Tritiated fucose incorporation in the vitreous body, lens and zonules of the pigmented rabbit. *Exp Eye Res* 1982;34:921-931.
38. Floyd BB, Brown B, Isaacs H and **Minckler DS**: Pseudorheumatoid nodule involving the orbit. *Arch Ophthalmol* 1982;100:1478-1480.
39. Ober RR, Blanks JC, Ogden TE, Pickford M, **Minckler DS** and Ryan SJ: Experimental retinal tolerance to liquid silicone. *Retina* 1983;3:77-85.
40. Reynard M, Shulman IA, Azen SP and **Minckler DS**: Histocompatibility antigens in sympathetic ophthalmia. *Am J Ophthalmol* 1983;95:216-221.
41. Floyd BB and **Minckler DS**: Increased vascular permeability in disc swelling produced by ocular hypotony. *Exp Eye Res* 1983;36:3-13.
42. Schanzlin DJ, Robin JB, Erickson G, Lingua R, **Minckler DS** and Pickford M: Histopathologic and ultrastructural analysis of congenital corneal staphyloma. *Am J Ophthalmol* 1983;95:506-514.
43. Hoskins HD Jr, Hetherington J Jr, **Minckler DS**, Lieberman MF and Shaffer RN: Complications of laser trabeculoplasty. *Ophthalmology* 1983;90:796-799.
44. Reynard M and **Minckler DS**: Cataract extraction in the sympathizing eye. *Arch Ophthalmol* 1983;101:1701-1703.
45. Ryu DT and **Minckler DS**: The retinal nerve fibers in the primate optic nerve head. *Proc Jpn Acad* 1983;(Series B):328-331.
46. Santana M, Wiedemann P, Kirmani M, **Minckler DS**, Patterson R, Sorgente N and Ryan SJ: Daunomycin in the treatment of experimental proliferative vitreoretinopathy: retinal toxicity of intravitreal daunomycin in the rabbit. *Graefes Arch Clin Exp Ophthalmol* 1984;221:210-213.
47. Reynard M, Riffenburgh RS and **Minckler DS**: Morphological variation of Dalen-Fuchs nodules in sympathetic ophthalmia. *Am J Ophthalmol* 1985;69:197-201.
48. **Minckler DS**: Correlations between anatomic features and axonal transport in primate optic nerve head. *Trans Am Ophthalmol Soc* 1986;84:429-451.
49. Kaiser-Kupfer MI, Caruso RC, **Minckler DS** and Gahl WA: Long-term ocular manifestations in nephropathic cystinosis. *Arch Ophthalmol* 1986;104:706-711.
50. Wan WL, **Minckler DS** and Rao NA: Pupillary-block glaucoma associated with childhood cystinosis. *Am J Ophthalmol* 1986;101:700-705.
51. Shamma AV and **Minckler DS**: Autopsy eye model for laser trabeculoplasty and iridectomy. *Am J Ophthalmology* 1986;102:664.
52. **Minckler DS**, Baerveldt G, Heuer DK, Quillen-Thomas B, Walonker AF and Weiner J: Clinical evaluation of the Oculab Tono-Pen. *Am J Ophthalmol* 1987;104:168-173.

53. **Minckler DS**, Shammass A, Wilcox M and Ogden TE: Experimental studies of aqueous filtration using the Molteno implant. *Trans Am Ophthalmol Soc* 1987;85:368-392.
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20. Varma R, **Minckler DS**: Ch 7 Anatomy and Pathophysiology of the retina and optic nerve in: Ritch R, Shields MB, Krupin T (eds) *The Glaucomas (basic science)*, Mosby, St. Louis, 1996, pp 139-175.
21. **Minckler DS**: Ch 34; Glaucoma Tube Implants. In: Weinreb RN, Kitazawa Y, Krieglestein GK: *Glaucoma in the 21st Century*, Harcourt Health Communications, Mosby International 2000, Arte Sobre Papel, Barcelona, Spain.
22. **Minckler DS** and Mosaed S: Aqueous shunts. In: Shields MB, Tombran-Tink J, Barstable CJ: *Disease, Mechanism, and Therapeutics* (In press November 2006)
23. **Minckler DS**. Aqueous Shunts in Penetrating Keratoplasty, Chapter 100, Vol II, *Surgery*, Elsevier Press, (In press Dec 2006).

Manuals:

1. Intraocular Inflammation, Uveitis, and Ocular Tumors, American Academy of Ophthalmology, Section 3, 1983-84. (Faculty: Friedman AH, Gaudio AR, Giles CL, and **Minckler DS**).
2. **Minckler DS**: Laser Applications in Glaucoma, laboratory manual for AAO instruction course, 1987-88.

3. **Minckler DS:** Surgical anatomy of the limbus. Ch 2, Glaucoma Surgical Techniques. Ophthalmology Monographs #4. American Academy of Ophthalmology, 1991, pp 8 - 14. (Revision in press 1998).
4. Baerveldt G, **Minckler DS**, Mills RP: Implantation of drainage devices. Ophthalmology Monographs #4, American Academy of Ophthalmology, 1991, pp 77 - 82.
5. **Minckler DS:** Intraoperative and postoperative complications. Ophthalmology Monographs #4, American Academy of Ophthalmology, 1991, pp 86 - 98. (Revision 1998).
6. **Minckler DS:** Argon laser trabeculoplasty. Ophthalmology Monographs #4, American Academy of Ophthalmology, 1991, pg 118-124. (Revised 1998)
7. **Minckler DS:** 3-Dx Study Series Manual for Automated Perimetry Course, American Academy of Ophthalmology, 1992, Nidek Technologies, Inc. (Stereo Atlas of Discs and Correlating Visual Field Changes).
8. **Minckler DS:** Glaucoma drainage devices. Pathophysiology, Indications, and Surgical Techniques, 1998 Ophthalmology Monographs #4, Ch 14, American Academy of Ophthalmology, 1998.

Instruction Courses at the American Academy of Ophthalmology Annual Meeting:

1. Laser Applications in Glaucoma, skills transfer course director, 1981 - 1990.
2. Glaucoma Surgical Techniques, skills transfer course director, 1983 - 1992.
3. Implantation of Glaucoma Drainage Devices, lab instructor and lecturer, 1985 - present.
4. How to read and write a scientific paper, instructor, 1997 - 2002.
5. JACAPO (Joint Commission on Allied Health Personnel in Ophthalmology Program, Post operative care after glaucoma surgery. 1997 – 1989.
6. News and Views – Glaucoma, AAO 1999 - 2001.
7. Peer Review – How to participate, AAO 2000 – 2001.
8. Neovascular Glaucoma, diagnosis and management, AAO 2000.
9. Point-counterpoint in Glaucoma, AAO 2002 – present.
10. Evidence-based ophthalmology: A workshop on finding, synthesizing, and applying clinical evidence, in cooperation with the Cochran Eye and Vision Group, AAO Annual Meeting, Anaheim, CA, Saturday November 15, 2003.

Meetings and Presentations (CME ACTIVITY) — 1982-PRESENT:

1. American Academy of Ophthalmology - Sect. III Basic Science - Inflammation, Uveitis and Intraocular Tumors (Course Director: A. Friedman), 1982.
2. American Academy of Ophthalmology - Glaucoma Surgery (Course Director: W. Layden), 1982-1987.
3. AFIP Annual Ophthalmic Anatomy Course (Course Director: B. Fine), 1982.
4. AFIP Annual Ophthalmic Pathology Course (Course Director: L.E. Zimmerman), 1982.
5. Los Angeles Research Study Club - Glaucoma, January 1983.
6. USC-Mauna Kea - Glaucoma, Orbit, Optic Nerve (Course Director), June 1983.
7. Annual Estelle Doheny Eye Foundation Meeting - Lasers in Glaucoma, September 1983.
8. Advances and Controversies in Ophthalmology - Palm Springs, December 1983.
9. Los Angeles Research Study Club - Lasers in Glaucoma Workshop, January 1984.

10. 68th Annual Meeting Pacific Coast Oto-Ophthalmological Society Meeting Monterey, California, June 1984.
11. 16th Annual Meeting Estelle Doheny Eye Foundation - Glaucoma (Course Director), September 1984.
12. Los Angeles Research Study Club - Laser Trabeculoplasty Workshops. January 1985.
13. 16th Jules Stein Annual Postgraduate Seminar - Glaucoma: Diagnosis and Management, April 1985.
14. Estelle Doheny Eye Hospital Scientific Dedication Meeting - Complications of Filtering Surgery and Molteno Implants, June 1985.
15. The Foundation for Glaucoma Research, Interdisciplinary Seminar on Low Tension Glaucoma, Nappa, California, June 1985.
16. 69th Annual Meeting Pacific Coast Oto-Ophthalmological Society Meeting, presenter, San Diego, California, July 1985.
17. 18th Congress of Pan-Pacific Surgical Association, Course instructor, Honolulu, Hawaii, January 1986.
18. American Academy of Ophthalmology Special Focus Course, "Glaucoma Surgical Techniques", Palm Springs, California, February, 1986, April 1986.
19. The Foundation for Glaucoma Research Interdisciplinary Seminar on Filtering Surgery for Glaucoma, San Francisco, California, June 1986.
20. Glaucoma, Neuro-Ophthalmology and Pediatric Ophthalmology, Annual Mauna Kea Ophthalmology Meeting, Department of Ophthalmology, University of Southern California, (Course Director), June 1986.
21. 70th Annual Meeting of Pacific Coast Oto-Ophthalmological Society (Assistant Program Chairman), Mauna Kea, Hawaii, June 1986.
22. Annual Spring Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, Florida, May 6, 1987.
23. LAC-USC/Doheny Residents, Fellows and Alumni Association, Department of Ophthalmology, University of Southern California and Estelle Doheny Eye Foundation, Los Angeles, California, June 5, 1987.
24. Eleventh Annual Scientific Meeting of the LAC-USC/Doheny Residents, Fellows and Alumni Association, Department of Ophthalmology, University of Southern California and Estelle Doheny Eye Foundation, Los Angeles, California, June 5, 1987.
25. 71 st Annual Meeting of Pacific Coast Oto-Ophthalmological Society (Program Chairman), Seattle, Washington, June 1987.
26. Annual Meeting of the American Academy of Ophthalmology, (Course Director), Dallas, Texas, November 9, 1987.
27. American Academy of Ophthalmology, Special Focus Course (Skills Transfer Course Director) Glaucoma Surgery, Palm Springs, California, February 1988.
28. American Academy of Ophthalmology, Symposium on Optic Nerve, Las Vegas, Nevada, October 1988.
29. International Glaucoma Symposium, Histology of Optic Nerve Injury in Experimental Ocular Hypertension and Early Glaucoma, Wurzburg, Germany, October 28-29, 1988.
30. Annual Spring Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, Florida, May, 1989.
31. Thirteenth Annual Doheny/USC Alumni/Residents Day, Doheny Eye Institute, Los Angeles, California, June 9, 1989.
32. USC-Mauna Kea, Glaucoma, Neuro-Ophthalmology and Pediatric Ophthalmology (Course Director), Kamuela, Hawaii, August 5-12, 1989.
33. Pan American Association of Ophthalmology/Pan American Glaucoma Society Meeting, Rio de Janeiro, Brazil, September 3-8, 1989.
34. Annual Doheny Meeting, Doheny Eye Institute, Los Angeles, California, September 21 & 22, 1 989.

35. Annual Meeting of the American Academy of Ophthalmology, New Orleans, Course Director, Louisiana, October 31, 1989.
36. All Day Clinical Conference, Doheny Eye Institute, Los Angeles, California, December 2, 1989.
37. Doheny Eye Referral Center, Director, Angle Closure Glaucoma Course, Orange, California, December 16, 1989.
41. Western Regional Update Course Instructor, Irvine, California, February 23-25, 1990.
38. Meeting of the Organizing Committee of the Glaucoma Society of the International Congress of Ophthalmology, Nusa Dua Beach, Bali, Indonesia, March 12, 1990.
39. Annual Spring Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, Florida, April 30, 1990.
40. Doheny Alumni and Residents Day (Doheny), Los Angeles, California, June 8 & 9, 1990.
47. Annual Meeting of the American Academy of Ophthalmology , Atlanta, Georgia, Course Director, Oct 30 - November 1, 1990.
41. AAO Regional Update Program, Presenter, Irvine, California, November 30 - December 2, 1990.
42. All Day Clinical Conference (Doheny), Los Angeles, California, December 8, 1990.
43. New Perspectives in Ocular Trauma (Doheny), Los Angeles, California, March 15, 1991.
44. Annual Spring Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, Florida, April 29, 1991.
45. Doheny Alumni and Residents Day (Doheny), Los Angeles, California, May 31 & June 1, 1991.
46. Filtering Surgery: Anatomy Review and Dissection (Doheny), Los Angeles, California, June 22, 1991.
47. Annual Meeting of the American Academy of Ophthalmology, Course Director, Anaheim, California, October 13-17, 1991.
48. Doheny Eye Institute Annual "Controversies in Ophthalmology", Los Angeles, California, December 5-6, 1991.
49. ARVO Planning Meeting, Bethesda, Maryland, January 17-20, 1992.
50. American Academy of Ophthalmology Meeting, San Francisco, California, Course Director, February 23-24, 1992.
51. Annual Spring Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, Florida, May 3, 1992.
52. Doheny Eye Institute Annual Alumni and Residents Day Conference, Los Angeles, California, June 5-6, 1992.
53. Transition - Intermediate Phaco Course, San Francisco, California, July 16-18, 1992.
54. University of Southern California School of Medicine and the Department of Ophthalmology, A Review for the Practicing Ophthalmologist: Glaucoma, Neuro-Ophthalmology and Pediatric Ophthalmology (Course Director), Kamuela, Hawaii, August 15-22, 1992.
55. Doheny Eye Institute Glaucoma Drainage Implant Surgery: Didactic and Hands-on Laboratory (Course Director), Los Angeles, California, September 12, 1992.
56. Annual Meeting of the American Academy of Ophthalmology, Course Director, Dallas, Texas, November 10-12, 1992.
57. Doheny Eye Institute Dedication Conference, Los Angeles, California, December 4, 1992.
58. American Academy of Ophthalmology Mid-Year Forum Meeting, Chicago, Illinois, April 22-25, 1993.
59. Annual Spring Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, Florida, May 2, 1993.
60. Doheny Eye Institute Annual Alumni-Residents Days Conference, Los Angeles, California, June 4-5, 1993.

61. The First Joint Scientific Meeting of the American Glaucoma Society and the European Glaucoma, Reykjavik, Iceland, July 7-9, 1993.
62. Annual Meeting of the American Academy of Ophthalmology Meeting, Course Director, Chicago, Illinois, November 16-18, 1993.
63. 1993 All Day Clinical Conference, Doheny Eye Institute, Los Angeles, California, December 4, 1993.
64. Annual Spring Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, Florida, May 2, 1994.
65. 130th Annual Meeting of the American Ophthalmological Society, Pebble Beach, California, May 23-25, 1994.
66. Doheny Eye Institute Annual Alumni-Residents Days Conference, Los Angeles, California, June 10-11, 1994.
67. Glaucoma Society of the International Congress of Ophthalmology, Quebec, Canada, June 22-24, 1994.
68. XXVIIIth International Congress of Ophthalmology, Toronto, Ontario, Canada, June 26-30, 1994.
69. American Glaucoma Society Symposium: Under Pressure, San Francisco, CA, 1995 [Moderator].
70. Annual Meeting of the American Academy of Ophthalmology, Instruction Course Director, San Francisco, CA, Oct 28 - Nov 3, 1994.
71. Annual Spring Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, May 14 - May 19, 1995.
72. Annual Meeting of the American Academy of Ophthalmology, Atlanta, Georgia, 10/29/95 - 11/3/95.
73. Mid-Year Forum, American Academy of Ophthalmology, Chicago, Illinois, April 11 - 13, 1996.
74. New Orleans Academy of Ophthalmology, New Orleans LA, April 25-27, 1966.
75. Annual Spring Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, April 20-24, 1966.
76. Annual Meeting, American Academy of Ophthalmology, Chicago, Illinois, October 25 - 31, 1996.
77. Alcon Laboratories, Fort Worth Texas, Aqueous Drainage Devices, Nov 11, 1996.
78. Annual Meeting, American Academy of Ophthalmology, San Francisco, Oct 24 - 30, 1997.
79. Annual Meeting, American Academy of Ophthalmology, New Orleans, November 5 - 11, 1998.
80. Los Angeles County Eye Society, October 3rd, 2002.
81. Doheny USC resident's day, January 12, 2003.
82. American Glaucoma Society, San Francisco, March 2003, Moderator: Evidence-based Medicine symposium.
83. Medico-legal conference, Doheny Eye Institute, November 1, 2003.
84. Association of International Glaucoma Societies, San Diego, CA, November 13-14, 2003.
85. American Academy of Ophthalmology, Annual Meeting, Anaheim Ca, November 15-17, 2003
86. American Academy of Ophthalmology, Annual Meeting, New Orleans, October 23-27th 2004.
87. American Academy of Ophthalmology, Annual Meeting, Chicago, 2005.
88. American Academy of Ophthalmology, Annual Meeting, Las Vegas 2006.

Named Lectures:

1. Hogan Lecture, University of California, San Francisco, March 1988.
2. Barnshaw Lecture, Wills Eye Hospital Meeting, Feb 10, 1992, St. Thomas, US Virgin Islands.
3. Shonberg Lecture, University of Illinois at Chicago, June 14, 1995.
4. Tabor Lecture, San Diego Eye Bank, July 22, 2000.
5. Shaffer, Hetherington, Hoskins Lecture, San Francisco, February 10, 2001.
6. Lorinzette Lecture, McGill University, Montreal, Canada, 11/27/01.
7. Robert P. Burns and Lynette Feeney-Burns Visiting Professorship, Mason Eye Institute, University of Missouri-Columbia, Missouri, Sept 6, 2003.
8. Shaffer Lecture, AAO, Anaheim, California, Monday November 17, 2003.
9. American Glaucoma Society Glaucoma Day Lecture: November 11, 2006, Las Vegas AAO. Evidence-based update on Aqueous Shunts.

Visiting Professorships:

1. Visiting Professor, University of Arizona, Tucson, Arizona, February 1983.
2. Visiting Professor, University of California, San Diego, California, April 1983.
3. Visiting Professor, Louisiana State University, New Orleans, Louisiana, December 1983.
4. Visiting Professor, University of California, Irvine, California, January 1984.
5. Visiting Professor, University Augen Klinik, Cologne, Germany, August 1984.
6. Visiting Professor, Moorfields Eye Hospital, London, England, August 1984.
7. Visiting Professor, The Department of Ophthalmology, Vancouver General Hospital, University of British Columbia Clinical Day, Vancouver, B.C., Canada, April 1986.
8. Visiting Professor, University of California, San Francisco, California, March 1986.
9. Visiting Professor, Centenario Da Clinica Oftalmologica Da Santa Casa de Misericordia de Sao Paulo, Brazil, August 6-9, 1986.
10. Visiting Professor, Salvador, Brazil, (Ophthalmological Society), August 1 2-1 4,1 986.
11. Visiting Professor, Rio de Janeiro, Brazil, (Ophthalmological Society), August 15-18,1986.
12. Visiting Professor, University of California [Hogan Lecture], San Francisco, California, March 1988.
13. Visiting Professor, St. Louis University, St. Louis, Missouri, January 18 & 19,1990.
14. Visiting Professor, Pacific Presbyterian Medical Center, San Francisco, California, January 28 & 29,1990.
15. Visiting Professor, Burnier Foundation, Campinas, Brazil, May 16-21, 1993.
16. Visiting Professor, Glaucoma Conference, University of California, San Diego, California, January 31, 1994.
17. Visiting Professor Southwestern Medical Center, Dallas, Texas, Sept. 8-9, 1994.
18. Visiting Professor, University of Hong Kong, July 26, 1994, Management of Glaucoma.

19. Visiting Professor, University of Texas (Southwestern Medical Center), Dallas, Texas September 8-9, 1994.
20. Visiting Professor, UC Irvine, Irvine, CA Aug 24 1994.
21. Visiting Professor, UC Davis, November 17-18, 1994.
22. Visiting Professor, Sherman Oaks Medical Center Noon Conference, 3/2/95, Glaucoma basic and clinical.
23. Visiting Professor, [Schonberg Lecture], University of Illinois at Chicago, Chicago, June 14, 1995.
24. Visiting Professor, University of Hong Kong, Inaugural Meeting, 6/30-7/4, 1995.
25. Visiting Professor, University of Florida, Gainesville FL, Jan 25-26, 1996.
26. Visiting Professor, UC Irvine, May 20, 1996.
27. Visiting Professor, Alcon Laboratories, Fort Worth Texas, November 11, 1996.
28. Visiting Professor, Krieger Eye Institute, Baltimore MD, November 15, 1996
29. Visiting Professor, XX Meeting Japanese Ophthalmological Surgical Society, Yokahama, Japan, Jan 31. 1997.
30. Visiting Professor, Barnes Hospital, Washington University Medical School, St. Louis, Feb 12, 1997.
31. Visiting Professor (Singapore National Eye Centre), Singapore, April 14 - 20, 1997 (Asian-Oceanic Glaucoma Soc).
32. Visiting Professor – Australia and New Zealand Glaucoma Club Meeting, Sydney, Australia, 2/26 – 2/27/99.
33. Visiting Professor, University of Arizona, Tucson, Grand Rounds, November 18, 19, 1999.
34. Visiting Professor, Ophthalmological Society of Finland, Rovaniemi, Finland, September 21-2, 2000.
35. Visiting Professor, Ophthalmological Society of Taiwan/Asia Pacific Academy of Ophthalmology, March 9 – 15, 2001.
36. Visiting Professor, Washington State Academy of Eye Physicians, Seattle, WA, April 18 – 22, 2001.
37. Visiting Professor, McGill University, Montreal Canada, November 26 –28, 2001.
38. Visiting Professor, University of Hong Kong, Jan. 10 – 12, 2002. Evidence-based ophthalmology.
39. Visiting Professor, University of Missouri, Sept. 6, 2003.
40. Visiting Professor, University of Wisconsin, Madison, Sept. 26, 2003.
41. Keynote Speaker, Loma Linda University, June 4th, 2004, Evidence-based Glaucoma.
42. Visiting Professor, Jules Stein Eye Institute, Los Angeles, March 9, 2005, Pathophysiology of Glaucoma Drainage Devices.
43. Visiting Professor, Jules Stein Eye Institute, Los Angeles, Jan 3, 2007. Update on aqueous shunts.
44. CONSORT meeting, Ottawa Canada, January 15-17, 2007.

Invited Presentations (Faculty at Post Graduate Meeting/Courses) Continuing Medical Education:

1. Phoenix Surgicenter, Phoenix, Arizona, October 1983.
2. Peninsular Eye Society, San Jose, California, October 1984.
3. National Society to Prevent Blindness, Anaheim, California, December 1984.

4. American Academy's Regional Update Course, Seattle, Washington, August 1985.
5. Merck Sharpe & Dohme, Montecito, California, September 1985.
6. National Society to Prevent Blindness, Anaheim, California, November 1985.
7. Merck Sharpe & Dohme, Oakland, California (Kaiser Hospital Eye Staff Quarterly Meeting), May 1986.
8. 7th Meeting of the International Perimetric Society, Amsterdam, September 1986.
9. Lasers in Ophthalmology, Beckman Laser Institute and Medical Clinic; University of California, Irvine, California, September 1986.
10. Organizing Committee, Glaucoma Society, International Congress of Ophthalmology, Bussom, Netherlands, September 1986.
11. National Society to Prevent Blindness "Glaucoma 1986", Irvine, California, October 1986.
12. Washington State Academy of Ophthalmology, Seattle, Washington, February 1987.
13. Hawaii Ophthalmological Society, Honolulu, Hawaii, March 1987.
14. American Ophthalmological Society, Carlsbad, California, May 1987.
15. Tri-County Eye Society, Palm Springs, California, May 1987.
16. Pacific Coast Oto-Ophthalmological Society, Seattle, Washington, June 1987
17. Chibret International Symposium, Brussels, Belgium, September 1987.
18. National Society to Prevent Blindness, Newport Beach, California, October 1987.
19. Chibret International Symposium, Berlin, Germany, December 1987.
20. Western Regional Orthoptics Meeting, San Diego, California, April 9, 1988.
21. Chicago Ophthalmological Society, Chicago, Illinois, April 18, 1988.
22. Visiting Surgeon, Project Orbis, Zagreb, Yugoslavia, May 30-June 5, 1988.
23. Canadian Ophthalmological Society (Guest of Canadian Glaucoma Society), St. Johns, New Brunswick, June 18-22, 1988.
24. Colorado Ophthalmological Society, 73rd Annual Seminar, Snow Mass, Colorado, July 1-5, 1988.
25. International Glaucoma Symposium, Wurzburg, Germany, October 28-29, 1988.
26. Mericos Eye Institute, Clinical and pathological evaluation of optic nerve. La Jolla, California, April 1, 1989.
27. Chibret International: Glaucoma Symposium, Pressure factors in the pathogenesis of glaucoma, Verona, Italy, May 27, 1989.
28. Armed Forces Institute of Pathology: Course in Ophthalmic Pathology, Washington, D.C., August 28-September 1, 1989.
29. International Glaucoma Symposium, Tokyo, Japan, November 8-18, 1989.
30. Merck, Sharp and Dohme Conference: Glaucoma Faculty - Molteno Implants, Palm Springs, California, December 8&9, 1989.
31. Twentieth Congress of the Pan Pacific Surgical Association, Waikoloa, Hawaii, February 10-16, 1990.
32. Glaucoma Symposium, Grand Cayman, British West Indies, February 17-20, 1990.

33. Winter Glaucoma Symposium: Glaucoma Society I.C.O., Bali, Indonesia, March 9-15, 1990.
34. Glaucoma Symposium, Singapore, Malaysia, March 16-23,1990.
35. Twenty-First Annual Postgraduate Seminar and Jules Stein Lecture, Los Angeles, California, April 6 & 7,1990.
36. Merck, Sharp and Dohme: Cincinnati Ophthalmological Society, Cincinnati, Ohio, April 9-14, 1990.
37. 42nd Annual Clinical Conference: Chicago Ophthalmological Society, Chicago, Illinois, May 23-26, 1990.
38. American Glaucoma Society, Mackinac Island, Michigan, July 5-8, 1990.
39. International Symposium (Alcon/Thilo), Wurzburg, Germany, November 8-14, 1990.
40. Memphis Eye Convention, Memphis, Tennessee, April 13-14,1991.
41. American Ophthalmological Society Annual Meeting, Pebble Beach, CA, May 19-22, 1991.
42. Chibret International Glaucoma Symposium, Verona, Italy, June 16,1991.
43. American Academy of Ophthalmology Quality of Care Committee Glaucoma Panel Meeting, Cape Cod, Massachusetts, July 25-29,1991.
44. Sturge-Weber Conference, Newport Beach, CA, August 3,1991.
45. University of British Columbia Glaucoma Conference, Maui, Hawaii, February 1-6, 1992.
46. Wills Eye Hospital 15th Annual Glaucoma Conference [Barnshaw Lecture], St. Thomas, U.S. Virgin Islands, February 10-12, 1992.
47. Merck, Sharp and Dohme: Glaucoma Faculty - Oregon Academy of Ophthalmology Meeting, Portland , Oregon, March 12-14, 1992.
48. Allergan Medical Optics - Glaucoma Surgery Advisory Panel Meeting, Irvine, California, May 29, 1992.
49. Twelfth Annual Current Concepts in Ophthalmology Meeting, San Diego, California, June 26-28, 1992.
50. Summer Institute, American Academy of Ophthalmology, San Francisco, California, July 29-August 2, 1992.
51. "Glaucoma: What we know and what we don't know", Doheny Academy, Doheny Eye Institute, Los Angeles, California, March 23, 1993.
52. Brazilian Glaucoma Society Meeting, Sao Paulo, Brazil, May 13-15, 1993.
53. Pan-American Congress of Ophthalmology Meeting, Caracas, Venezuela, July 11-15, 1993.
54. 1993 Annual Clinical Conference of the Kansas City Society of Ophthalmology, Kansas City, Missouri, December 9-10, 1993.
55. Live Video Satellite Teleconference Presentation on Glaucoma Management, sponsored by Annenberg Center at Eisenhower and Otsuka America Pharmaceutical, Inc., Los Angeles, California, March 1, 1994.
56. American Ophthalmological Society annual meeting, Pebble Beach, California, May 22-25, 1994.
57. Ophthalmology Journal Club Meeting, Bakersfield, California, June 6, 1994.
58. International glaucoma society satellite meeting Quebec City, Canada, June 19-22.
59. International Congress of Ophthalmology, Toronto, Canada June 23-25, 1994
60. St. Joseph Medical Center, Burbank, California, July 6, 1994.

61. Visiting faculty, Project Orbis, Beijing, China August 8-12, 1994.
62. W.V.T. Rush Engineering Honors Program, Jan 27 1995, USC.
63. AAO post conference leadership conference, Chicago, Ill. April 28-9, 1995.
64. W.T. Kellogg Eye Center, Ann Arbor, Michigan, Decisions in the diagnosis and management of glaucoma, May 5-6, 1995.
65. Phillips Eye Institute, Minneapolis, Minnesota, Annual post graduate meeting, 10/14/95.
66. Long Beach Memorial Hospital, Diabetes and the Eye, 11/18/95.
67. International Congress of Ophthalmology, Decision Making in Glaucoma, Rome, Italy, Jan 31 - Feb 10, 1996. Re-intervention as treatment for glaucoma.
68. ARVO, Fort Lauderdale, Florida, 4/21 - 4/24 1996.
69. New Orleans Academy of Ophthalmology, New Orleans, LA, April 25 - 28, 1996.
70. American Academy of Ophthalmology Annual Meeting, Chicago, Illinois 10/27-10/31 1996.
71. Diabetes and the Eye, Annual Symposium (Diabetes and Glaucoma), Long Beach Memorial Medical Center, Long Beach CA, Dec. 7, 1996.
72. Japanese Ophthalmological Surgical Society, Yokohama, Japan, January 31, 1997. Glaucoma Drainage Devices.
73. USC, resident lecture, March 21, 1997; Glaucoma.
74. Singapore, Honored guest, Asian Oceanic Glaucoma Society, April 16 - 20, 1997.
75. American Ophthalmological Society Annual Meeting, Spanish Bay, CA May 18 - 21, 1997.
76. June 19, 1997, Annual Doheny Meeting.
77. American Academy of Ophthalmology Annual Meeting, San Francisco, CA, October 26 - 29, 1997.
78. American Glaucoma Society, Scottsdale, AZ, December 4 - 6, 1997.
79. Pharmacia and Upjohn Expert Meeting, New York, December 19 - 20, 1997.
80. Mid-Year Four, American Academy of Ophthalmology, Washington DC, April 23 - 26, 1998.
81. Glaucoma Society of the International Congress of Ophthalmology, Edinburgh, Scotland, June 15 - 18, 1998.
82. Los Angeles Research Study Club, Universal City, January 29 - 31, 1999.
83. International Congress of Ophthalmology, Amsterdam, Netherlands, June 21 - 25, 1998.
84. American Academy of Ophthalmology, Annual Meeting, New Orleans, Nov. 8 - 11, 1998.
85. Pharmacia and Upjohn Expert Meeting, New York, Dec. 18 - 20, 1998.
86. Allergan Memantine Study Meeting, San Francisco, January 8 - 9, 1999.
87. American Board of Ophthalmology, Interim Meeting, Santa Barbara Ca, Jan 20, 1999.
88. Los Angeles Research Study Club, Century City, Los Angeles, January 29 - 31, 1999.
89. Jules Stein Eye Institute, Annual Course, Glaucoma 2000, April 9 - 10, 1999.
90. Kaiser Permanente, Regional Update on Uveitis, La Jolla, CA, July 16, 1999.

91. American Academy of Ophthalmology, Orlando FL, Oct 21 – 27, 1999.
92. Allergan Laboratories, Update on Glaucoma, Ritz Carlton, Laguna Niguel, Oct. 30, 1999.
93. Pharmacia, Glaucoma 21st Century, Hong Kong, December 14-17, 1999.
94. Diabetes and the Eye, Cabo San Lucas, February 11-13, 2000.
95. Doheny Eye Institute, Glaucoma Update Course, February 19, 2000.
96. European Glaucoma Society, "How to read between the lines of a scientific paper", June 26, 2000, London, UK.
97. European Glaucoma Society, Antifibrotics in glaucoma surgery, June 28, 2000, London, UK.
98. San Diego Eye Bank Meeting, San Diego, July 22-3, 2000.
99. Annual Meeting American Academy of Ophthalmology, Dallas, Texas, October 21 – 25, 2000.
100. SEAGIG, Bangkok, Thailand, November 25 – 29, 2000.
101. SNEC, Singapore, 10th Anniversary Meeting, November 30 – Dec 4, 2000.
102. Pharmacia & UpJohn, New York, Experts Meeting, Dec 13 – 16, 2000.
103. Ophthalmological Society of Taiwan & Asia Pacific Academy of Ophthalmology, Taipei, Taiwan, March 10 – 14, 2001.
104. Wilmer Ophthalmological Institute, Randomized Trials in Ophthalmology, Baltimore, MD, April 2 – 3, 2001.
105. Washington State Academy of Eye Physicians, Seattle, WA, April 6 – 7, 2001.
106. Mid-Year Forum, Washington D.C. April 18 – 22, 2001.
107. Invited speaker, German Ophthalmological Surgeons Meeting, Nuremberg, Germany, May 14 – 21, 2001.
108. Pharmacia Experts Meeting, Mallorca, Spain, May 25 – 28.
109. Doheny Days June 15, 2001.
110. Experts Meeting; Alcon, Laguna Beach, July 13 – 14, 2001.
111. American Academy of Ophthalmology Annual Meeting, New Orleans, LA, Nov 11 – 15, 2001.
112. Invited lecturer, Glaucoma Symposium, University of Sao Paulo, Brazil, December 1, 2001.
113. Hong Kong Eye Society Meeting, Jan. 11, 2002, Pathogenesis of glaucoma optic nerve injury and neuroprotection; Glaucoma drainage implants.
114. Mid-year Forum, AAO, Washington DC, April 4 – 7.
115. International Congress of Ophthalmology, Sydney, Australia, April 21 – 25, faculty.
116. Doheny Eye Institute, Risk Management, May 11, 2002, faculty.
117. American Academy of Ophthalmology, Oct. 20 – 23, 2002, Orlando, FL.
118. Sub-specialty Day, Glaucoma, AAO, Orlando, FL, Oct 19, 2002, faculty.
118. San Diego Eye Bank Meeting, San Diego 11/2/02, faculty.

119. Second Glaucoma Summit, Yosemite National Park, Feb 6 – 9, 2003.
120. Ocular Drug & Surgical Therapy Update, Laguna Nugal, Feb 15 – 19, 2002, faculty.
121. Doheny USC, Advances in Imaging & Diagnostic Techniques, March 1, 2003.
122. American Glaucoma Society, San Francisco, March 8, Symposium on Evidence-based Medicine, (faculty).
123. Doheny USC, Transitioning to Evidence-based Ophthalmology (Course Director) March 12, 2003.
124. Glaucoma Society, International Congress of Ophthalmology, Chantilly, France May 29-31, 2003.
125. South African Glaucoma Society Meeting, Cape Town & Kruger National Park, June 16-20, 2003.
126. Doheny Days, June 14, 2003.
127. Madison Wisconsin, Eye Society, Sept 26, 2003.
128. Pfizer Glaucoma Consultant Meeting, Beverly Hills, Oct 18, 2003.
129. Doheny medico-legal seminar, Nov. 1, 2003.
130. Pfizer Consultant Meeting, New York, Dec. 12-13, 2003
131. Los Angeles Research Study Club, Los Angeles, Jan 17, 2004
132. Pfizer Consultant Canada, Banff, Feb. 5 – 8, 2004.
133. Cochrane Eye and Vision Group, Brown University, March 1-3, 2004.
134. Cochrane Eye and Vision Group, American Glaucoma Society course, Sarasota, Florida, March 7, 2004.
135. Doheny CME series, Glaucoma, Doheny, Los Angeles, April 10, 2004.
136. Cochrane Eye and Vision Group, ARVO pre-meeting, Fort Lauderdale, Florida, April 24, 2004.
137. Scripps Clinic Round Table, Glaucoma, May 22, 2004.
138. Doheny Days, Saturday, June 12, 2004. Evidence-based Glaucoma.
139. CME Concept Validation Meeting, Boston, Pfizer, July 15-17.
140. San Diego Eye Bank Annual Meeting, San Diego CA, July 24, 2004.
141. Max Forbes Glaucoma Symposium, New York, New York, (in absentia) Sept 11, 2004.
142. Taiwan Ophthalmological Society Meeting, Taipei, Taiwan, October 1-3, 2004. Invited speaker, and visiting Professor.
143. Pfizer Innovation Meeting, New York, December 10-11, 2004.
144. Yosemite Summit glaucoma meeting, Yosemite, CA, Jan 6-8, 2005.
145. Glaucoma Society, International Congress of Ophthalmology, Costa do Sauipe, Brazil, 2/23 – 2/26/05.
146. Expert Panel: Rand Method for Assessing Glaucoma Therapy, Fort Lauderdale, May 17, 2005, Fort Lauderdale.
147. AIGS, ARVO, July 8, 2005, Fort Lauderdale, Consensus Meeting on Glaucoma Surgery.
148. Doheny Days, June 17-18, 2005 (faculty).
149. World Glaucoma Congress, Vienna, Austria, July 6-9, 2005.

150. Faculty, Cochrane Eye and Vision Group (US CEVG), Providence RI, July 21-3, 2005, How to complete a Cochrane Review.
151. Glaucoma Research Foundation, Board presentation, July 28, 2005, San Francisco.
152. Pfizer CME meeting, Walnut Creek, CA, Sept. 29, 2005
153. AAO Glaucoma Subspecialty Day, Oct 15, 2005. (8 hrs CME)
154. AAO, Chicago, October 15 -19, 2005. (24 hours CME)
- Pain management courses: California license renewal 2006+
- Chang: Pain Management (3.5 hours)
- Golnik: An approach to the patient with pain in and around the eye (3.5 hours)
- Tessler: Scleritis and Sclerouveitis (1 hour)
- Wallace: Cataract surgical anesthesia and postoperative pain management (3.5 hours)
- AMA web course: (1 hour)
155. Doheny Days November 12, 2005, Angle surgery revisited.
156. King-Drew Journal Club, El Segundo, CA, November 16, 2005.
157. Pfizer CAO Meeting, Pan Pacific Hotel, San Francisco, Nov. 17, 2005, Evidence-based Glaucoma.
158. Alcon, Dallas, Texas November 18-19, 2005.
159. Pfizer round table, Long Beach California, December 7, 2005, Evidence-based Glaucoma.
160. Phoenix Ophthalmological Society, December 8, Evidence-based glaucoma.
161. Trabecular meshwork Club, San Francisco, CA, December 9, 2005, Trabectome.
162. Pfizer "Great Expectations" Academy for Health Care, CME meeting, Miami, Florida, Jan 7, 2006
163. Cochrane Eye and Vision Group, How to do a Cochrane Review, Saraota, Fl. Feb 6-7, 2006 (17 hrs CME).
164. 10th Annual Glaucoma Symposium, San Francisco, New developments in angle surgery, 2/11/06. (4 hours CME)
165. World Ophthalmology Congress, Sao Paulo, Brazil, 2/19 – 2/23/06; Pearls in Glaucoma Surgery; Pros & Cons of non-penetrating glaucoma surgery; How has the normal tension glaucoma trial impacted clinical practice? (18 hrs CME).
166. UCI, Irvine CA, Collaboration Colloquium, June 2 – June 3 2006, (9.25 CME credits) – Evidence-based update on aqueous shunts.
167. Glaucoma Research Society, Vancouver, Canada June 28 – July 1, 2006 (19 hours); Evidence-based update on aqueous shunts.
168. Mini-symposium on Glaucoma, Napa, CA August 10 – 12, 2006.
169. WEPS (Washington eye physicians/surgeons) meeting, Seattle, WN Sept. 21, 2006.
170. Noon symposium for pathology: The pathophysiology of Optic Nerve Injury in Glaucoma. UCI , Wed. Sept 27. (one hour)
170. Great Expectations. Pfizer sponsored CME session, Denver, Co, Oct 4, 2006, Glaucoma risk evaluation and treatment.

171. Merck sponsored CME session: Diurnal Intraocular Pressure Fluctuations, Los Angeles, Napa Vally Grille, 10/18/06.
172. Alcon sponsored CME Columbia University College of Physicians and Sugeons, New York, Oct 20-21, 2006, (12.0 hours CME)
173. Pfizer sponsord panel meeting. Las Vegas, November 13, 2006.
174. American Academy of Ophthalmology (AOO) Las Vegas, November 12 – 14, 2006.
175. CONSORT meeting, Ottawa, Canada Jan 15-16.
176. Battle on the Beach, University of Miami Department of Ophthalmology, Miami (Coral Gables Biltmore), FI Jan. 26-7, 2007.
177. ASCRS, San Diego, April 28 – May 2, 2007.
178. ARVO Fort Lauderdale, May 7 – 11, 2007.
179. Ogden (Utah) Medical Surgical Society, Ogden, Utah, May 16, 2007.