

## CURRICULUM VITAE

WAYNE E. FUNG, M.D.  
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San Francisco, CA 94115  
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Born: 29 July 1934: Oakland, California  
Married: 1958, the former Helen Tom; one child  
Degrees: Associate in Arts, University of California (Berkeley). 1954.  
M.D., University of Southern California School of Medicine, June 1959  
Internship: Santa Clara County Hospital, San Jose, California 1959-1960.  
Residency: General Surgery, Santa Clara County Hospital, San Jose, California. 1969-1970  
Ophthalmology, Presbyterian Medical Center, San Francisco, California, 1964-1967  
Military Service: United States Air Force, Flight Medical Officer (Outstanding Unit Award, 1963), 1961-1964.  
Fellowship: Heed Fellowship, Washington University Hospital, St. Louis, Missouri, January to June, 1967.  
NIH Special Fellowship in Ophthalmology, University of Miami, Bascom Palmer Eye Institute, Miami, Florida, July 1967-June 1968 (under Edward W.D. Norton, M.D.)  
Certification: American Board of Ophthalmology, July 1968.

### CURRENT ACTIVITIES

FROM 1995 TO PRESENT ASSOCIATED WITH EVERETT AI, M.D., ROGER E. ATKINS, M.D., ARTHUR ALLEN JR., M.D., ANNE E. FUNG, M.D., DAVID HEIDEN, M.D., JAMES KNAPP, M.D., DANNY Y. LIN, M.D., KAREN OXFORD, M.D., T. OTIS PAUL, M.D., AUGUST L. READER, M.D., AND SCOTT C. SO, M.D.

FROM 1968 TO 1995 ASSOCIATED WITH ROBERT G. WEBSTER, JR., M.D., ARTHUR W. ALLEN, JR., M.D., RICHARD ABBOTT, M.D., AND WILLIAM B. STEWART, M.D.

ACTIVE STAFF MEMBER, CALIFORNIA PACIFIC MEDICAL CENTER, PACIFIC CAMPUS, SAN FRANCISCO, CALIFORNIA (1968 – PRESENT).

CLINICAL PROFESSOR OF OPHTHALMOLOGY, CALIFORNIA PACIFIC MEDICAL CENTER, PACIFIC CAMPUS, SAN FRANCISCO, CALIFORNIA (1994).

AMERICAN ACADEMY OF OPHTHALMOLOGY AND OTOLARYNGOLOGY: COURSE ASSISTANT AT ANNUAL MEETING, 1966-1970, SURGERY OF ORBIT WITH GILBERT W. CLEASBY, M.D.

COURSE INSTRUCTOR OF OFFICE USE OF FLOUORESCIN, GIVEN YEARLY FROM 1979-1985.

CO-AUTHOR OF TWO OTHER COURSES GIVEN YEARLY AT THE ACADEMY:

ANTERIOR VITRECTOMY WITH DRS. ALLEN, O'DONNELL AND STERN (1978-1989);  
OVERLOOKED CLUES TO UNUSUAL DIAGNOSIS WITH DRS. JOHN CAVENDER AND A.W.  
ALLEN, M.D. (1978-86).

## SOCIETIES

AMERICAN MEDICAL ASSOCIATION (1960 TO PRESENT)  
CALIFORNIA MEDICAL ASSOCIATION (1960 TO PRESENT)  
SAN FRANCISCO MEDICAL SOCIETY (1960 TO PRESENT)  
FELLOW OF AMERICAN ACADEMY OF OPHTHAMOLOGY (1969 TO PRESENT)  
GONIN SOCIETY (1970 TO PRESENT)  
MACULAR SOCIETY (1988 TO PRESENT)  
PACIFIC COAST OTO-OPHTHALMOLOGICAL SOCIETY  
THE RETINA SOCIETY (1979 TO PRESENT)  
THE SOCIETY OF HEED FELLOWS (1969 TO PRESENT)  
BOARD OF TRUSTEES, NORTHERN CALIFORNIA SOCIETY FOR THE PREVENTION OF  
BLINDNESS (1979 TO 1995)

## HONORS AND AWARDS

SERVICE AWARD AMERICAN ACADEMY OF OPHTHALMOLOGY, 1978  
GRANT RECIPIENT, PACIFIC VISION FOUNDATION, FOR VITRECTOMY CHRONIC  
APHAKIC CYSTOID MACULAR EDEMA STUDY (1980-1981)  
PERSONAL OPHTHALMIC CONSULTANT TO PRESIDENT CHIANG CHING-KUO  
REPUBLIC OF CHINA, 1981 – 1988  
USC MEDICAL ALUMNI, ANNUAL OUTSTANDING ALUMNUS AWARD, 1984  
SENIOR SERVICE AWARD, AMERICAN ACADEMY OF OPHTHALMOLOGY, 1989  
EIGHTEENTH ANNUAL MEDICAL LECTURER, CHINESE HOSPITAL, SAN FRANCISCO,  
1991

## NATIONAL OFFICES

RETINA SOCIETY, VICE PRESIDENT 1995 TO 1997, PRESIDENT, 1997 TO 1999

## OPHTHALMIC ACTIVITIES IN FOREIGN COUNTRIES

PERSONAL OPHTHALMOLOGIST TO PRESIDENT CHIANG CHING-KUO, REPUBLIC OF  
CHINA (TAIWAN), 1981-1988. SIX OPERATIONS AND THIRTY-FIVE ROUND TRIPS

MISSIONS FOR ORBIS INTERNATIONAL (NEW YORK, NY)

BEIJING, CHINA 1993  
LANZHOU, CHINA, 1995  
ADDIS ABABA, ETHIOPIA, 1996  
HOLGUIN, CUBA, 1997  
DA TONG, CHINA, 2005  
CHITTAGONG, BANGLADESH, 2006  
WUHAN, CHINA, 2007  
DA NANG, VIETNAM, 2008

CYBERSIGHT CONSULTANT, 2008 TO PRESENT

MISSION FOR ROTARY INTERNATIONAL  
HARARI, ZIMBABWE, 2004

## NATIONAL COMMITTEE APPOINTMENTS

AMERICAN ACADEMY OF OPHTHALMOLOGY  
PROGRAM ADVISORY COMMITTEE, 1983-1988

AMERICAN ACADEMY OF OPHTHALMOLOGY  
PUBLIC AND PROFESSIONAL INFORMATION COMMITTEE, 1984-1992  
(CHAIRPERSON: 1986-1992)

AAO REPRESENTATIVE  
AMA/HARVARD RESOURCE-BASED RELATIVE VALUE SYSTEM STUDY, 1986-1992

AAO QUALITY ASSURANCE COMMITTEE  
(RETINA SECTION) 1988-1991

AMERICAN ACADEMY OF OPHTHALMOLOGY  
SUBSPECIALTY DAY COMMITTEE, 1997 TO 2000

## HOSPITAL COMMITTEES

CHAIRMAN, OPHTHALMIC SURGICAL QUALITY COMMITTEE, DEPARTMENT OF  
OPHTHALMOLOGY, PACIFIC MEDICAL CENTER, 1978 – 1985

MEDICAL RECORDS COMMITTEE, PACIFIC MEDICAL CENTER, 1982-1986  
CHAIRMAN, ANAESTHESIA CHIEF SEARCH COMMITTEE, PACIFIC MEDICAL  
CENTER, 1985

BOARD OF DIRECTORS, NORTHERN CALIFORNIA ASSOCIATION OF PREVENTION OF  
BLINDNESS, 1979 TO 1985

EMPEROR OF THE AUGUST MOON CANDIDATE, CHINESE HOSPITAL AUXILIARY,  
1986

CHAIRMAN, AD HOC COMMITTEE TO REVIEW PEDIATRIC ONCOLOGY, PACIFIC  
MEDICAL CENTER, 1986 – 1987

VICE CHIEF OF MEDICAL STAFF, PACIFIC PRESBYTERIAN MEDICAL CENTER,  
1987 – 1988

MEMBER, REVIEW COMMITTEE FOR PHYSICAL AND REHABILITATION MEDICINE,  
PPMC, 7/90 – 1991

PPMC REPRESENTATIVE ON THE MEDICAL MERGER COMMITTEE OF PACIFIC  
PRESBYTERIAN MEDICAL CENTER CHILDREN'S HOSPITAL, 9/90 – 1992

VICE CHIEF OF MEDICAL STAFF FOR CALIFORNIA PACIFIC MEDICAL CENTER,  
10/92 – 2/93

CHAIRMAN, QUALITY ASSURANCE AND IMPROVEMENT COMMITTEE, 10/92 – 12/94  
STEERING COMMITTEE, CONTINUOUS QUALITY IMPROVEMENT CAMPAIGN,  
1/93 – 1/94

OPHTHALMOLOGY LEADERSHIP COMMITTEE, 10/96 – 1971

TRICAMPUS RELOCATION COMMITTEE (DAVIES CAMPUS) CPMC, 1/98 – 1/99

## COMMUNITY SERVICE

BOARD OF TRUSTEES, SCHOOLS OF THE SACRED HEART, SAN FRANCISCO,  
1983/1991  
CHAIRMAN, PUBLIC RELATIONS COMMITTEE FOR CAPITAL CAMPAIGN, SCHOOLS  
OF THE SACRED HEART, 1983/1984  
CAMPAIGN CORE COMMITTEE, SCHOOLS OF THE SACRED HEART, 1982 – 1983  
EDUCATION COMMITTEE, SCHOOLS OF THE SACRED HEART, SAN FRANCISCO,  
1984 – 1986  
WELLESLEY COLLEGE PARENTS COMMITTEE (WELLESLEY, MASSACHUSETTS)  
1991 – 1993  
BOARD OF DIRECTORS FOR CALIFORNIA MEDICAL REVIEW INC., SAN FRANCISCO,  
1996 – 2005  
USHER, ST. IGNATIUS CATHOLIC CHURCH, 8AM MASS EVERY SUNDAY WHEN IN TOWN,  
1968 TO PRESENT

## FOREIGN LANGUAGES SPOKEN

CANTONESE, FLUENT  
MANDARIN, IMPROVING

## LECTURES

FIFTY-FIVE LECTURES ON SUBJECTS RELATED TO RETINAL AND VITREOUS  
PATHOLOGY, 1968 – PRESENT  
TWENTY-TWO LECTURES PUBLISHED IN THE ANNUAL CONFERENCE TEXTBOOK  
OF HIGHLIGHTS OF MODERN OPHTHALMOLOGY, PACIFIC MEDICAL  
CENTER, 1969 – 1980  
FOURTEEN ADDITIONAL LECTURES PRESENTED AS A POST-GRADUATE COURSE IN  
OPHTHALMOLOGY DURING THE AMERICAN ACADEMY OF  
OPHTHALMOLOGY AND OTOLARYNGOLOGY MEETING (OFFICE USE OF  
INTRAVENOUS FLOURESCHEIN), 1972 – 1984

## VISITING PROFESSORSHIPS

DEPARTMENT OF OPHTHALMOLOGY, UNIVERSITY OF PITTSBURGH,  
PENNSYLVANIA (STUART BROWN, M.D., PROFESSOR AND CHAIRMAN), SEPT  
1980  
DEPARTMENT OF OPHTHALMOLOGY, DUKE UNIVERSITY, DURHAM, NORTH  
CAROLINA (ROBERT MACHEMER, M.D., PROFESSOR AND CHAIRMAN), SEPT  
1982  
DEPARTMENT OF OPHTHALMOLOGY, UNIVERSITY OF CALIFORNIA, SAN DIEGO,  
SAN DIEGO, CALIFORNIA (MICHAEL GOLDBAUM, M.D., DIRECTOR OF THE  
RETINA SERVICE), OCT 1986  
DEPARTMENT OF OPHTHALMOLOGY, UNIVERSITY OF MIAMI, BASCOM PALMER  
EYE INSTITUTE, VITRECTOMY COURSE, MIAMI, FLORIDA, FEBRUARY 27 TO  
MARCH 1, 1989  
ALTA SOCIETY LECTURE, SACRAMENTO, CALIFORNIA, OCT 1988  
MONTANA ACADEMY OF OPHTHALMOLOGY, BIG SKY, MONTANA, FEB 1990  
DEPARTMENT OF OPHTHALMOLOGY, UNIVERSITY OF CALIFORNIA, LOS ANGELES,

(JULES STEIN EYE INSTITUTE), MARCH 1990  
GUEST SPEAKER FOR THE KENTUCKY ACADEMY OF EYE PHYSICIANS &  
SURGEONS, HILTON HEAD, SOUTH CAROLINA, JUNE 1990  
DEPARTMENT OF OPHTHALMOLOGY, UNIVERSITY OF TEXAS SOUTHWEST  
MEDICAL CENTER, DALLAS, TEXAS, SEPT 1990  
INVITED LECTURER, HONG KONG OPHTHALMOLOGICAL SOCIETY, HONG KONG,  
DEC 1990  
UNIVERSITY OF ZIMBABWE, HARRARE, ZIMBABWE, SEPT 1996  
MANILIK II EYE HOSPITAL, ADIS ABABA, ETHIOPIA, NOVEMBER 2000

## NAMED LECTURES

THE TAYLOR SMITH LECTURE, "UNTERFERON FOR TREATMENT OF AGE-RELATED  
MACULAR DEGENERATION," THE ASPEN RETINAL DETACHMENT SOCIETY,  
ASPEN, COLORADO, MARCH 1994  
"THE NORTON LECTURE," MIAMI OPHTHALMOLOGICAL ASSOCIATION, OCTOBER  
2001

## PUBLICATIONS

1. Betteman, J W, Fung, W E and Noyes, P P: "Potentiating Action of Prednisone on Galactose Cataracts in Rats," Investigative Ophthalmology 3:6, December 1964, p678.
2. Cleasby, G W and Fung, W E: "Surgery of the Orbit" (Course 134) of the American Academy of Ophthalmology and Orolaryngology 70:3, May – June 1966, p460.
3. Okun, E and Fung, W E: "Therapy of Diabetic Retinal Detachments: Symposium on Retina and Retinal Surgery," Trans Am Orleans Acad of Ophthalmol, 1969, pp319-27.
4. Cleaby, GW, Fung W E and Skekter, W F: "Astromytoma of the Retina: Report of Two Cases," Am J Ophthalmol 64:3 part II, September 1967, pp 633 – 7
5. Fung, W E, Hall, D L and Cleasby, G W: "Combined Technique for 355 degrees Traumatic Giant Retinal Break," Arch Ophthalmol 83:264-6, 1975.
6. Fung, W E: "Pars Plana Vitrectomy in Retinal Detachment," in Freeman, H M, Hrose, T and Schepens, C L (eds), Vitreous Surgery and Advances in Fundus Diagnosis and Treatment, New York, Appleton-Century-Crofts, pp291-5, 1977.
7. Fung, W E: "Removal of Dislocated Lenses by Posterior Microsurgical Pars Plana Vitrectomy, in McPherson, I (ed), New and Controversial Aspects of Vitreoretinal Surgery New and Controversial Aspects of Vitreoretinal Surgery, St Louis, C V Mosby Co, pp 369-71, 1977.

8. Fung, W E: "Vitreotomy in the Management of Persistent Hyperplastic Primary Vitreous," in McPherson, A (ed), New and Controversial Aspects of Vitreoretinal Surgery, St. Louis, C V Mosby Co., pp 369-71, 1977.
9. Fung, W E: "Phacoemulsification in Symposium: Modern Aspects of Cataract Operations," Trans Pac Coast Oto-Ophthalmol, 84:46-51, 1978.
10. Fung, W E: "The Application of Vitrectomy Techniques to Anterior Segment Problems," Trans Pac Coast Oto-Ophthalmol, 84: 46-51, 1978.
11. McCuen, B W, Fung, W E: "The Role of Vitrectomy Instrumentation in the Treatment of Severe Traumatic Hyphaemas," Am J Ophthalmol, 88:930-4, 1979.
12. Fung, W E: "Anterior Vitrectomy for Chronic Aphakic Cystoid Macular Oedema," Ophthalmology, 87: 189-93, 1980.
13. Fung, W E: Director of National Collaborative Project: Vitrectomy for Chronic Aphakic Cystoid Macular Oedema. 22 centers with 46 collaborators, March 1980-1984.
14. Fung, W E, Coonan P and Ho, B T: "Incidence of Retinal Detachments Following Extracapsular Cataract Extractions: A Prospective Study," Retina, 1:232-7, 1981.
15. Fung, W E: "Surgical Therapy for Chronic Aphakic Cystoid Macular Oedema," Ophthalmology, 89: 898-901, 1982.
16. Fung, W E: "Cystoid Macular Oedema," in Fraunfelder, F T and Roy, F H (eds), Current Ocular Therapy, Second Edition, Philadelphia, W B Saunders Co, pp438-9, 1985.
17. Fung, W E: "The National Prospective Randomized Vitrectomy Study for Chronic Aphakic Cystoid Macular Oedema: A Progress Report and Comparison Between the Control and Nonrandomized Groups," Surv Ophthal, 28 (suppl): 569-74, 1984.
18. Fung, W E: "Vitreotomy for Chronic Cystoid Macular Oedema: Results of a National Collaborative Prospective Randomized Investigation," Ophthalmology, 92:1102-11, 1985.
19. Coonan, P, Fung W E, Webster R G Jr., Allen, A W Jr., and Abbott, R L: "The Incidence of Retinal Detachment Following Extracapsular Cataract Extraction: A Ten Year Study," Ophthalmology, 92: 1096-1101, 1985.
20. Fung, W E: "A Comprehensive Look at Chronic Aphakic Cystoid Macular Oedema," Trans Pac Coast Oto-Ophthalmol Soc, 66:203-7, 1985.
21. Fung, W E: "Cystoid Macular Edema" in Fraunfelder, F T and Roy, F H (eds) Current Ocular Therapy 2, Philadelphia, W. B. Saunders Co. pp 438-489, 1985.
22. Fung, W E: "Phacoemulsification and Implantation of Proliferative Diabetic Retinopathy," Graefe's Arch Clin Exp Ophthalmol, (1987) 225:251-253.

23. Fung, W E: "Aphakic Cystoid Macular Edema" in Ryan S F, Schachat A P, Murphy R P, Patz A (eds) Retina, St. Louis, C.V. Mosby Co. pp 767-779, 1989.
24. Fung, W E: "Other Causes of Cystoid Macular Edema and Retinal Trauma After Surgery" in Ryan S F, Schachat A P, Murphy R P, Patz A (eds), Retina, St. Louis, C.V. Mosby Co. pp 781-787, 1989.
25. Fung, W E: Special Article: The Hsiao (Resource-Based Relative Value Scale) Study: experiences, impressions and objections, Arch Ophthalmol, 107: 187-8, 1989.
26. Fung, W E: "Cystoid Macular Edema" in Fraunfelder F T & Roy F D (eds) Current Ocular Therapy 3, Philadelphia, W B Saunders Co., pp 624-677, 1990.
27. Fung, W E: "Retinal Complications from Cataract Surgery" in Ai, E and Freeman, W R (eds), Ophthalmology Clinics of North America, Philadelphia, W. B. Saunders Co., vol. 3, No 3, Sept. 1990.
28. Fung, W E: "Phacoemulsification" in Jaeger, E A, Tasman W S, Weinstein G W (eds), Duane's Clinical Ophthalmology (in press), Philadelphia, Harper and Row, 1990.
29. Fung, W E: Extracapsular Cataract Microsurgery, Buratto L, book review, Am J Ophthalmol (in press), 1990.
30. Fung, W E: "Interferon Alpha 2a for subretinal Neovascular Membrane," Letter to the Editor, AM J Ophthalmol, 112: 349-350, 1991.
31. Fung, W E: "Interferon alpha 2a for treatment of subretinal neovascular membranes and hemorrhages (a poster at the 95<sup>th</sup> meeting of the Am Acad of Ophthalmol,) Ophthalmol (supplement), 98:123, 1991.
32. Fung, W E: "interferon alpha 2a and age-related macular degeneration: Results of a two-year pilot study (abstract), Ophthalmol, 99:90, 1992.
33. Fung, W E: "Cystoid Macular Edema" in Fraunfelder, F T and Roy, F H (eds), Current Ocular Therapy 4, Philadelphia, W. B. Saunders Co., pp 714- 718.
34. Fung, W E: "A Prospective Clinical Evaluation of Pharmacologic Treatment for Subfoveal Choroidal Neovascular Membranes, a thesis for the American Ophthalmological Society, accepted May 1997...being revised.
35. Palmowski, A M, Sutter E E, Bearse, Jr. M A and Fung, W E: "Mapping of Retinal Function in Diabetic Retinopathy Using Multifocal Electroretinogram," Investigative Ophthalmology and Visual Science, Vol. 38, pp 2586-2596, 1997.
36. Fung, W E: "Opportunities for Maloccurrence in Delivery of Specialized Care in the Managed Care Environment," Survey of Ophthal, 43:280-282, 1/99 Nov.-Dec., 1998.
37. Shimada, Y., Li, Y., Bearse, M A, Sutter, E E and Fung, W E: "Assessment of Early Retinal Changes in Diabetes Using a New Multifocal ERG Protocol, Brit of Ophthal, 85: 414-419, 2001.

