

August 25, 2005

## CURRICULUM VITAE

**NAME:** ALFRED SOMMER, MD, MHS

**CITIZENSHIP:** American

**BORN:** October 2, 1942, New York, New York

**MARRIED:** Jill Sommer

**CHILDREN:** Charles Andrew Sommer

Marni Jane Sommer

**PRESENT POSITION:** DEAN, Bloomberg School of Public Health      Phone: 410-955-3540  
Johns Hopkins University      Fax: 410-955-0121  
615 North Wolfe Street, Suite 1041      E-mail: [asommer@jhsph.edu](mailto:asommer@jhsph.edu)  
Baltimore, MD 21205-2179

**Professor, Epidemiology, and International Health**  
Johns Hopkins University Bloomberg School of Public Health

**Professor, Ophthalmology**, Wilmer Institute  
Johns Hopkins University School of Medicine

### EDUCATION:

**MHS**, Epidemiology, Johns Hopkins School of Hygiene and Public Health, Baltimore, Maryland, 1973

**MD**, Harvard Medical School, Boston, Massachusetts, 1967

**BS, *Summa Cum Laude***, Union College, Schenectady, New York, 1963

### PROFESSIONAL TRAINING:

Resident and Fellow in Ophthalmology, Wilmer Eye Institute, Johns Hopkins Hospital, Baltimore, Maryland, 1973-76

Fellow in Epidemiology, Johns Hopkins School of Hygiene & Public Health, Baltimore, Maryland, 1972-73

Medical Intern and Resident, Beth Israel Hospital, Harvard University, Boston, Massachusetts, 1967-69

### CERTIFICATION:

Diplomate, American Board of Ophthalmology, 1977

Diplomate, National Board of Medical Examiners, 1968

**HONORS:**

***Albert Lasker Clinical Medical Research Award, 1997***

***Helmut Horten Medical Research Award, Helmut Horten Stiftung, Switzerland, 1997***

***Prince Mahidol Award for International Contributions to Medicine and Public Health, Thailand, 1997***

***Charles A. Dana Award for Pioneering Achievements in Health, 1988***

**National Academy of Sciences, elected 2001**

**Institute of Medicine, elected 1992**

*Gonin Medal*, International Council of Ophthalmology and the Swiss Ophthalmological Association (to be presented February 2006)

*Helen Keller Foundation Prize for Vision Research, 2005*

*The Pollin Prize in Pediatric Research, 2004*

*Thomas E. Hobbins Health Care Justice Award, Maryland Health Initiative, 2003*

*Warren Alpert Foundation Research Prize, Harvard Medical School, 2003*

*Lucien Howe Medal, American Ophthalmological Society, 2003*

*Special Recognition Award for Leadership, Association for Research in Vision and Ophthalmology (ARVO), 2002*

*Danone International Prize for Nutrition, 2001*

*Bristol-Myers Squibb/Mead Johnson Award for Distinguished Achievement in Nutrition Research, 2001*

*Gold Jose Rizal Medal, Asia Pacific Academy of Ophthalmology, 2001*

*F. Parke Lewis Lifetime Achievement Professional Service Award, Prevent Blindness America, 2001*

*E.H. Christopherson Award, American Academy of Pediatrics, 2000*

Gala Honoree, New York Academy of Medicine, 2003

*International Blindness Prevention Award, American Academy of Ophthalmology, 1998*

*International Duke Elder Gold Medal, International Council of Ophthalmology, 1998*

Elected, 19<sup>th</sup> Chair, Academia Ophthalmologica Internationalis, 1997

*International Gold Medal for Contributions to Ophthalmology, Singapore National Eye Centre, 1997*

*Distinguished Alumnus Award, Johns Hopkins University, 1995*

1st Recipient, *GVF Prize* (Gesellschaft für angewandte Vitaminforschung), Germany, 1995

*Joseph E. Smadel Award, Infectious Diseases Society of America, 1992*

*Mericos H. Whittier Award in Ophthalmology, Mericos Eye Institute, Scripps Institutions of Medicine & Science, 1992*

*Gold Medal for Contributions to World Ophthalmology, Saudi Ophthalmological Society, 1991*

*ACAM Achievement Award in Preventive Medicine, 1990*

*Award for Distinguished Contributions to World Ophthalmology, XXIV International Congress of Ophthalmology, International Federation of Ophthalmological Societies, 1990*

*National Merit Award for Contributions to Public Health, Delta Omega (Public Health Honor Society), 1988*

*Distinguished Service Award for Contributions to Vision Care, American Public Health Association, 1988*

First Dean's Alumni Award, Johns Hopkins University School of Hygiene & Public Health, 1988

*Honor Award* (1986), *Senior Honor Award* (1996), American Academy of Ophthalmology, 1986

Delta Omega, Alpha Chapter, 1982

*Helen Keller Blindness Prevention Award, 1980*

Phi Beta Kappa, Sigma Xi, 1963

**NAMED LECTURES & SELECTED KEYNOTE ADDRESSES:**

- The Society for International Nutrition Research Presidential Lecture*, American Society for Nutritional Sciences, 2004
- The Ron Michaels Memorial Lecture*, Wilmer Institute, Baltimore, 2003
- The Daniel G. Vaughan Lecture*, University of California, San Francisco, 2003
- The Sir John Wilson Lecture*, International Congress of Ophthalmology, Sydney, Australia, 2002
- Howard S. Brode Lecture in Science*, Whitman College, Walla Walla, Washington, 2002
- George Gehrman Lecturer*, American College of Occupational and Environmental Medicine, Baltimore, Maryland, 2002
- Inaugural *Walter C. Griggs Lecture*, Dartmouth Medical School, New Hampshire, 2000
- Menzies Foundation Lecture*, University of Melbourne, Australia, 2000
- Inaugural *Norman Ashton Lecture*, Institute of Ophthalmology, University of London, England, 1999
- Alan Johns Memorial Lecture*, International Agency for the Prevention of Blindness General Assembly, Beijing, China, 1999
- Jackson Memorial Lecture*, American Academy of Ophthalmology, Orlando, Florida, 1999
- Mahlon Barlow Memorial Lecture*, Wilmer Eye Institute, Baltimore, Maryland 1999
- Robert S. Gordon, Jr. Lecture in Epidemiology*, National Institutes of Health, Bethesda, MD, 1999
- Centennial Lecture on Ophthalmology*, King Saud University and Saudi Ophthalmology Society, Celebration of 100th Anniversary of the Founding of the Kingdom, Riyadh, Saudi Arabia, 1999
- Keynote Address, Association for Research and Vision in Ophthalmology, 2002
- Senior Lecture, Academy of Scholars*, Wayne State University, Detroit, Michigan, 1999
- Pangilinian Lecture*, West Virginia University, Morgantown, 1998
- Jack Guyton Memorial Lecture*, Henry Ford Health System, Detroit, 1998
- Syamala Bhaskaran Lecture*, L.V. Prasad Eye Institute, Hyderabad, India, 1998
- College Lecture*, College of Medicine, University of Iowa, Iowa City, 1998
- Duke Elder Oration*, Royal College of Ophthalmologists, United Kingdom, 1998
- Gifford Memorial Lecture*, Chicago Ophthalmological Society, 1997
- A. Edward Maumenee Lecture*, International Conference on Cornea and External Diseases, Prague, Czech Republic, 1996
- Inaugural *Ignatius Tarwotjo Memorial Lecture*, Jakarta, Indonesia, 1996
- Inaugural *Wade Hampton Frost Lecture*, Johns Hopkins University, 1996
- Arthur J. Bedell Lecture* and Visiting Professor, Wills Eye Hospital, Philadelphia, 1996
- Glover-Lisman Lecture* and Visiting Professor, Manhattan Eye, Ear & Throat Hospital, Cornell University Medical Center, New York, 1995
- Keynote Address and Guest of Honor, 49th Japanese Congress of Ophthalmology, Utsunomiya, Japan, 1995
- Keynote Address, United States Public Health Service Professional Association, Orlando, FL, 1995
- De Schweinitz Lecture*, College of Physicians, Philadelphia, 1995
- Doyne Memorial Lecture*, Oxford Ophthalmological Congress, England, 1995
- Claes Dohlman Lecturer* and Visiting Professor, Harvard Medical School, Boston, 1995
- Keynote Speaker, International Vitamin A Consultative Group, Chiang Rai, Thailand, 1994
- Kimura Lecturer* and Visiting Professor, University of California, San Francisco, 1994
- Keynote Speaker and Guest of Honor, International Agency for the Prevention of Blindness, World General Assembly, Berlin, 1994
- Keynote Speaker and Guest of Honor, International Congress of Ophthalmology, Toronto, 1994
- Edward Holloran Memorial Lecture (AOA)*, Medal of Vanderbilt, Vanderbilt University School of Medicine, 1993
- Royal College Speaker, Canadian Ophthalmological Society, 1993
- Keynote Speaker and Guest of Honor, Dedication of the New England Eye Center, Tufts University, Boston, 1993

*Mohammed Aziz Memorial Lecture on Blindness of the Tropics*, Johns Hopkins University School of Medicine & Wilmer Institute, 1993  
*Theodore E. Woodward Lecture* (AOA), University of Maryland Medical School, 1991  
*Shorb Lecture in Nutritional Science*, University of Maryland, 1990  
*Martin J. Forman Memorial Lecture on World Food Policy*, National Council for International Health, 1990  
 "Friday at Four" University Lecturer and Visiting Professor, Dalhousie University, Halifax, 1989  
 Deans Lecture, Johns Hopkins University School of Medicine, 1989  
*E.V. McCollum International Lectureship in Nutrition*, American Institute of Nutrition (FASEB), 1988

#### **ASSOCIATIONS:**

National Academy of Sciences (Elected Member), 2001  
 Institute of Medicine (Elected Member), 1992  
 International Council of Ophthalmology (Elected Member), 2002-  
 Academy for Educational Development (Member, Executive Committee), 1997-  
 Academia Ophthalmologica Internationalis (Elected Member), 1997  
 American Society for Clinical Nutrition (Elected Member), 1989  
 American Institute of Nutrition/FASEB (Elected Member), 1989  
 American Glaucoma Society (Elected Member), 1988  
 American Ophthalmological Society (Elected Member), 1983  
 American College of Preventive Medicine (Fellow), 1982  
 American Public Health Association (Member), 1982  
 Society for Epidemiologic Research (Member), 1981  
 Association for Research in Vision and Ophthalmology (Member), 1981  
 Royal Society of Medicine, United Kingdom (Member), 1979  
 American Academy of Ophthalmology (Fellow), 1978

#### **ACADEMIC APPOINTMENTS:**

**DEAN**, Johns Hopkins School of Hygiene & Public Health (now Bloomberg School of Public Health), Baltimore, Maryland, 1990-  
 Professor of Ophthalmology, Epidemiology, and International Health, Johns Hopkins University, Baltimore, Maryland, 1985-  
 Associate Professor, Ophthalmology, Epidemiology, and International Health, Johns Hopkins University, Baltimore, Maryland, 1981-85  
 Assistant Professor, Ophthalmology, Epidemiology, and International Health, Johns Hopkins University, Baltimore, Maryland, 1980-81  
 Director, Dana Center for Preventive Ophthalmology, Johns Hopkins Medical Institutions, Baltimore, Maryland, 1980-90  
 Visiting Fellow, Institute of Ophthalmology, University of London, United Kingdom, 1979-80  
 Instructor in Ophthalmology (LOA), Johns Hopkins University, Baltimore, Maryland, 1976-80  
 Visiting Professor of Ophthalmology, University of Padjadjaran, Director, Nutritional Blindness Prevention Research Program, Bandung, Indonesia, 1976-79

#### **HOSPITAL APPOINTMENTS:**

Active Staff, Ophthalmology, Johns Hopkins Hospital, Baltimore, Maryland, 1980-  
 Consulting Ophthalmologist, Loch Raven Veterans Administration Hospital, Baltimore, Maryland, 1981-93  
 Surgeon, Cicendo Eye Hospital, Bandung, Indonesia, 1976-79  
 Attending Physician, Grady Memorial Hospital, Atlanta, Georgia, 1969-70

**HONORARY ACADEMIC APPOINTMENTS:**

First Honorary Professor, King Carlos III, National Institute of Health, School of Public Health, Madrid, Spain  
 Honorary Professor of Public Health, Sun Yat-sen University of Medical Sciences, Guangzhou, Peoples Republic of China, 1998  
 Honorary Professor of Ophthalmology, Peking Union Medical College, Beijing, China, 1993

**PROFESSIONAL APPOINTMENTS:**

WHO Collaborating Center for the Prevention of Blindness, Director, 1980-90  
 Helen Keller International, New York, New York, Medical Advisor, 1980-  
 Nutritional Blindness Prevention Research Project, Indonesia, Director and Principal Investigator, 1976-80  
 WHO Smallpox Eradication Program, Dacca, Bangladesh, 1972  
 United Nations Relief Operations, Dacca, Bangladesh, 1972  
 Cholera Research Laboratory, Dacca, Bangladesh, Medical Epidemiologist, 1970-72  
 Center for Disease Control (USPHS), Atlanta, Georgia, Epidemic Intelligence Service (EIS), 1969-72

**BOARDS OF DIRECTORS:****Corporate:**

T. Rowe Price, 2003-  
 Becton Dickinson, 1998-

**Not-for-Profit:**

Albert and Mary Lasker Foundation, 2004-  
 Foundation of the National Institutes of Health (FNIH), 2004-  
 International Trachoma Initiative (ITI), 2003-  
 International Council of Ophthalmology Foundation, 2002-  
 Academy for Educational Development (AED), Executive Committee, 1997-

**ADVISORY POSITIONS:**

Chair, Expert Group on Health, Global Governance Initiative of the World Economic Forum, 2003-

**Chair, International Vitamin A Consultative Group (IVACG) Steering Committee, 1994-  
 Past President, Association of Schools of Public Health (ASPH), 1999-2001**

**Concilium Ophthalmologicum Universale: Chair, Research Committee (2002- ), Member, Advisory Committee (1994-2002), Member, 1994-**

**Chairman, Edna McConnell Clark Foundation Scientific Advisory Committee for Tropical Disease Research, 1995-1999**

**Merck Vaccines Advisory Board, Merck & Co., Inc., 2003 -**

**Lasker Foundation, Mary Woodard Lasker Award for Public Service in Support of Medical Research and the Health Sciences, Selection Committee, 1999-**

American Academy of Ophthalmology, International Advisory Committee, 1998-

Chair, Technical Consultation: Vitamin A - Global Initiative, UNICEF, New York, 1998

International Advisory Board, World Cataract Surgeons Society, 1998

Honorary Board, Tropical Medicine Dinner Club of Baltimore, 1998

Calderone Prize and Lecture, Columbia University, Selection Committee, 1997-2003

Governor's Blue Ribbon Citizens *Pfiesteria* Commission, State of Maryland, 1997

The Chinese University of Hong Kong, School of Public Health, International Academic Advisory Committee, 1997-

U.S. Public Health Service Commissioned Corps, Advisory Panel, 1996-98

Johns Hopkins University Applied Physics Laboratory, Institute for Advanced Science and Technology in Medicine, External Advisory Council, 1996-

The Future of Medicine and Public Health, New York Academy of Medicine and the Robert Wood Johnson Foundation, Expert Committee, 1996-97

Chair, Legislative Committee, Association of Schools of Public Health (ASPH), 1995-97

Chair, WHO/UNICEF/IVACG Task Force on Vitamin A Supplements, 1995

Moderator, Rosenthal Lectures, Institute of Medicine, 1994-95

Board of Directors, Tissue Banks International, Executive Committee, 1994-99

IOM Steering Committee on America's Health in Transition, 1994-95

Chair, Catalyst Seminar II, Foundation for Glaucoma Research, 1994

Convener, Bellagio Brief; Consensus Conference on Role of Vitamin A Status in Childhood Morbidity & Mortality, Rockefeller Foundation Conference Center, Bellagio, Italy, 1992

International Advisory Council, World Cataract Surgeons Foundation (Worldcats), 1992-2000

**Food and Nutrition Board of the National Academy of Sciences, 1992-96**

World Health Organization, Expert Advisory Panel on Trachoma and Prevention of Blindness, 1991-

Research to Prevent Blindness, Scientific Advisory Panel, 1991-94

Agency for Health Care Policy Research, Cataract Clinical Guideline Panel, Forum for Quality and Effectiveness in Health Care, 1990-93

American Academy of Ophthalmology, International Activities Committee, 1990-97

National Eye Institute Symposium on Epidemiology and Clinical Trials, Program Committee, 1990-91

National Eye Institute, Glaucoma Panel, Program Planning Committee, 1990-91

**Chairman 1992-98, National Institutes of Health, National Planning Committee, National Eye Health Education Program, (Chairman, Glaucoma Task Force, 1989-1992), 1989-97**

World Eye Care, Inc., Scientific Advisory Council, 1989-2000

Institute of Medicine, National Academy of Science, Dana Award Selection Committee, 1989-92

EXCEL Foundation, Standing Committee, 1989-92

Chairman, Advisory Board, Saudi Eye Foundation for Research and Prevention of Blindness, 1989-95

**President, Board of Directors, International Federation of Eye Banks, 1989-1999**

American Academy of Ophthalmology, Associate Secretary for Practice Patterns and Quality Patient Care, 1989-91

**Chairman, World Health Organization, Programme Advisory Group on Blindness Prevention, (Member, 1984-1990), 1989-90**

International Advisory Council, Nadé Al Bassar (North African Center for Sight), 1988-2000

Medical Eye Bank of Maryland, Chairman, International Advisory Committee, 1987-2000

Inaugural Chairman, National Society to Prevent Blindness, Applied Research Committee, 1987-89

Middle East Eye Research Institute, Advisory Board, 1987-93

National Society to Prevent Blindness, Board of Directors, 1987-91

**Inaugural Chairman, Committee on Quality Standards of Eye Care, 1986-91, American Academy of Ophthalmology**

Inaugural Chairman, Glaucoma Panel, Quality of Care Committee, 1986-91, American Academy of Ophthalmology

Rapporteur, WHO/PBL Working Group on Low Cost Spectacles, 1985

National Advisory Eye Council, National Institute of Health, Glaucoma Evaluation Panel, Program Planning Committee, 1985

National Eye Institute, Panel on Glaucoma Research Control Initiative, 1985

Federation of American Societies for Experimental Biology (FASEB), Expert Panel on Vitamin A Nutriture, 1985

National Society to Prevent Blindness, Program Committee, 1984-90

Associate Secretary for Public and Professional Information, 1984-88, American Academy of Ophthalmology  
 American, Academy of Ophthalmology, Committee on Eye Care for the American Public, 1984-87  
 Rapporteur, United Nations ACC/SCN Global Program for Prevention of Vitamin A Deficiency, 1984  
 Rapporteur, WHO Task Force on Evaluation of Blindness Prevention Programs, 1984  
 National Society to Prevent Blindness, Planning Committee, 1983-84  
 Board of Directors, Maryland Society for Prevention of Blindness, 1982-87  
**Inaugural Chairman, Public Health Committee, American Academy of Ophthalmology, 1982-88**  
 Asian Foundation for the Prevention of Blindness, Board of Expert Advisors and Ophthalmic Consultants, 1981-89  
 WHO Task Force, Strategic Approaches to the Prevention of Blindness, 1981-82  
 National Institutes of Health, Special Study Sections, NIAID, NEI, Special Reviewer, DRG's Epidemiology and Disease Control, 1981-  
 Royal Commonwealth Society for the Blind, United Kingdom, Advisory Panel, Xerophthalmia Program, 1980-89  
 National Research Council, Panel on Video Viewing, 1980-83  
 Rapporteur, WHO Task Force on Methods of Assessment of Avoidable Blindness, 1979  
 WHO Advisory Committee, Research Priorities in Xerophthalmia, 1979-82  
 WHO Task Force on Technical and Operational Approaches to Blindness Prevention, 1978  
 International Agency for the Prevention of Blindness, Executive Board, 1978-2004  
 National Eye Institute, Cataract Advisory Panel, Vision Research Program Planning Committee, 1975-76  
 Chairman, Committee on Assessment, WHO/USAID International Vitamin A Consultative Group (IVACG), 1975-90  
 New York, Advisory Committee on Blindness Prevention, Helen Keller International, 1973-86  
 National Center for Health Statistics, Principal Consultant, Visual Acuity Screening Research Project, 1972-74

## **EDITORIAL RESPONSIBILITIES**

*EyeNet Magazine*, Editorial Advisory Board, 1999-  
*Argus: Ophthalmology's World News*, Clinical Advisory Board, 1997-1999  
*Ophthalmology World News*, Editorial Board, 1995-97  
*Current Issues in Public Health*, Editorial Board, 1993-  
*Middle East Journal of Ophthalmology*, International Advisory Board, 1993-2000  
*Journal of Medical Screening*, Editorial Committee, 1993-99  
*Global Child Health News & Review*, Advisory Board, 1993-96  
*Saudi Journal of Ophthalmology*, International Advisory Board, 1992-98  
*The Lancet*, International Advisory Board, 1990-94  
*American Journal of Epidemiology*, Chairman, Board of Overseers, 1990-  
*Epidemiologic Reviews*, Chairman, Advisory Board, 1990-  
*International Ophthalmology*, Editorial Board, 1986-2000  
 Editor, "Ophthalmology in the Tropics," Special Volume, Spring 1990  
*Ophthalmic Surgery & Lasers*, Editorial Board, 1985-2000  
*American Journal of Epidemiology*, Guest Editor, 1982-83  
 Symposium/Epidemiology of Ocular Disease, 1983  
*Journal of Nutrition*, *25 Years of Progress and Controlling Vitamin A Deficiency*; 132 (9S), 2002  
 Geographic and Preventive Ophthalmology, *Clinical Ophthalmology* (T. Duane, Editor), Philadelphia, Harper and Row, Section Editor, 1982-1998  
 WHO Editorial Committee, Technical Report Series 672, 1981-82  
*Xerophthalmia Bulletin*, Oxford, England, Board of Correspondents, 1980-1979- Scientific Referee, Editorials, Book Reviews (representative sample):

*American Journal of Ophthalmology*  
*Archives Ophthalmology*  
*American Journal of Epidemiology*  
*Ophthalmology* (TAAOO)  
*New England Journal of Medicine*  
*American Journal of Clinical Nutrition*  
*Investigative Ophthalmology and Visual Science*  
*Experimental Eye Research*  
*American Journal of Public Health*  
*Current Eye Research*  
*Journal of the American Medical Association*  
*Milbank Quarterly*  
*Journal of the Royal Society of Medicine*

*Vision*, Official Publication of the International Agency for the Prevention of Blindness,  
 International Editorial Board, 1979-90  
 WHO Editorial Committee, Technical Report Series 590, 1975

### **SPECIAL TEACHING ACTIVITIES**

Director, Collaborative Master's Degree Program in Public Health Ophthalmology, Johns  
 Hopkins University, Baltimore, Maryland, 1982-91  
 Director, National Training Course in Epidemiology and Statistics for Ophthalmologists, Beijing,  
 People's Republic of China, 1982

### **UNIVERSITY AND DEPARTMENTAL COMMITTEES AND ACTIVITIES**

Chair, University Administrative Effectiveness Initiative, Johns Hopkins University 1998-  
 Steering Committee, Johns Hopkins University Urban Health Initiative, 1996-  
 President's Administrative Committee, Johns Hopkins University, 1990-  
 Provost's Finance Committee, Johns Hopkins University, 1990-  
 Wilmer Long Range Planning Committee, Promotions Committee, Search Committee (Chair),  
 Johns Hopkins School of Medicine, Baltimore, Maryland, 1989-90  
 Centennial Program Committee, Johns Hopkins School of Hygiene & Public Health, 1988-89  
 Inaugural Chairman, Wilmer Institute Research Program Review Committee, Johns Hopkins  
 School of Medicine, Baltimore, Maryland, 1988-90  
 Advisory Board, Child Survival Fellowship Program, Johns Hopkins School of Hygiene & Public  
 Health, 1987-90  
 Advisory Council, Institute for International Programs, 1985-90  
 National Institutes of Health Training Grant Committee, Wilmer Institute, 1984-90  
 Committee on Future Initiatives in International Health, Johns Hopkins School of Hygiene &  
 Public Health, 1984-85  
 President, International Club, Johns Hopkins Medical Institutions, 1985-87  
 Committee to Review the Department of Epidemiology, Johns Hopkins University, 1984-85  
 Inaugural Convener, Clinical Epidemiology Interest Group, Johns Hopkins Medical Institutions,  
 1983-90  
 National Institutes of Health Core Grant Committee, Supervisor, Biostatistics Core Facility,  
 Wilmer Institute, 1982-90  
 Clinical Epidemiology Advisory Board, Johns Hopkins University, 1981-84

**PUBLICATIONS****BOOKS AND MONOGRAPHS**

- 1.a. Sommer A. Field Guide to the Detection and Control of Xerophthalmia. Geneva, World Health Organization, 1978. (Published in English, French, Spanish, Russian, Portuguese and Arabic.)
- 1.b. Sommer A. Field Guide to the Detection and Control of Xerophthalmia. Second Edition. Geneva: World Health Organization, 1982. (Published in English, French, Spanish, Russian, Portuguese and Arabic.)
- 1.c. Sommer A. Vitamin A Deficiency and Its Consequences: A Field Guide to Detection and Control. Third Edition. Geneva: World Health Organization, 1995. (Published in English, French, Spanish, Bengali, Chinese)
2. Sommer A. Epidemiology and Statistics for the Ophthalmologist. New York: Oxford University Press, 1980.
3. Sommer A. Nutritional Blindness: Xerophthalmia and Keratomalacia. New York: Oxford University Press, 1982.
4. West KP, Sommer A. Periodic, Large Oral Doses of Vitamin A for the Prevention of Vitamin A Deficiency and Xerophthalmia. International Vitamin A Consultative Group. Washington: Nutrition Foundation, 1984.
5. Sommer A, West KP Jr. Vitamin A Deficiency: Health, Survival, and Vision. New York and Oxford: Oxford University Press, 1996.

**ORIGINAL ARTICLES**

1. Sommer A, Mosley WH. East Bengal cyclone of November 1970: Epidemiological approach to disaster assessment. *Lancet* 1972;1:1029-1036.
2. Sommer A, Woodward WE. The influence of protected water supplies on the spread of classical/Inaba and El Tor/Ogawa cholera in rural East Bengal. *Lancet* 1972;2:985-987.
3. Mosley WH, Bart K, Sommer A. An epidemiological assessment of cholera control programs in rural East Pakistan. *Int J Epidemiol* 1972;1:5-11.
4. Sommer A, Khan M, Mosley WH. Efficacy of vaccination of family contacts of cholera cases. *Lancet* 1973;1:1230-1232.
5. Sommer A, Mosley WH. Ineffectiveness of cholera vaccination as an epidemic control measure. *Lancet* 1973;1:1232-1235.
6. Sommer A, Foster SO. The 1972 smallpox outbreak in Khulna municipality, Bangladesh. I. Methodology and epidemiologic findings. *Am J Epidemiol* 1974;99:291-302.
7. Sommer A. The 1972 smallpox outbreak in Khulna municipality, Bangladesh. II. Effectiveness of surveillance and containment in urban epidemic control. *Am J Epidemiol* 1974;99:303-313.
8. Sommer A, Loewenstein M. Nutritional status and mortality. A prospective validation of the QUAC stick. *Am J Clin Nutr* 1975;28:287-292.
9. Sommer A. Epidemiology in the design and evaluation of blindness control programs. *Trans Am Acad Ophthalmology & Otolaryngology* 1975;70:447-452.
10. Sommer A, Quesada J, Doty M, Faich G. Xerophthalmia and anterior-segment blindness among preschool-age children in El Salvador. *Am J Ophthalmol* 1975;80:1066-1072.

11. Sommer A, Faich G, Quesada J. Mass distribution of vitamin A and the prevention of keratomalacia. *Am J Ophthalmol* 1975;80:1073-1080.
12. Sommer A. Assessment of xerophthalmia and the mass vitamin A prophylaxis program in El Salvador (September 1973 - December 1974). *Environmental Child Health* 1976;22:135-148.
13. Sommer A, Toureau S, Cornet P, Midy C, Pettiss ST. Xerophthalmia and anterior segment blindness. *Am J Ophthalmol* 1976;82:439-446.
14. Sommer A. Cataracts as an epidemiologic problem. *Am J Ophthalmol* 1977;83:334-339.
15. Sommer A, Miller NR, Pollack I, Maumenee AE, George T. The nerve fiber layer in the diagnosis of glaucoma. *Arch Ophthalmol* 1977;95:2149-2156.
16. Sommer A, Sugana T, Djunaedi E, Green WR. Vitamin A-responsive panocular xerophthalmia in a healthy adult. *Arch Ophthalmol* 1978;96:1630-1634.
17. Sommer A, Sugana T, Hussaini G, Emran N, Tarwotjo I. Xerophthalmia: determinants and control. *Proceedings of the XXIII International Congress of Ophthalmology, Kyoto, Amsterdam, Excerpta Medica* 1978:1615-1618.
18. Sommer A, Emran N. Topical retinoic acid in the treatment of corneal xerophthalmia. *Am J Ophthalmol* 1978;86:615-617.
19. Natadisastra G, Tjakrasudjatma RS, Sommer A, Idjradinata. Glaukoma sekunder karena infiltrasi lekemi pada iris dan hipopion. *Ophthalmology Indonesia* 1978;2:117-120.
20. Sommer A, Emran N, Tamba T. Vitamin A-responsive punctate keratopathy in xerophthalmia. *Am J Ophthalmol* 1979;87:330-333.
21. Christy NE, Sommer A. Antibiotic prophylaxis of postoperative endophthalmitis. *Ann Ophthalmol* 1979;11:1261-1265.
22. Sommer A, Pollack I, Maumenee AE. Optic disc parameters and onset of glaucomatous field loss. I. Methods and progressive changes in disc morphology. *Arch Ophthalmol* 1979;97:1444-1448.
23. Sommer A, Pollack I, Maumenee AE. Optic disc parameters and onset of glaucomatous field loss. II. Static screening criteria. *Arch Ophthalmol* 1979;97:1449-1454.
24. Emran N, Sommer A. Lissamine green staining in the clinical diagnosis of xerophthalmia. *Arch Ophthalmol* 1979;97:2333-2335.
25. Sommer A, Emran N, Tamba T. Superficial punctate keratopathy: earliest corneal manifestation of xerophthalmia. *Docum Ophthalmol Proc Series* 20, 1979;221-224.
26. Sommer A, Hussaini G, Muhilal, Tarwotjo I, Susanto J, Saroso JS. History of nightblindness: a simple tool for xerophthalmia screening. *Am J Clin Nutr* 1980;33:887-891.
27. Sommer A, Emran N, Tjakrasudjatma S. Clinical characteristics of vitamin A responsive and nonresponsive Bitot's spots. *Am J Ophthalmol* 1980;90:160-171.
28. Sommer A, Muhilal, Tarwotjo I, Djunaedi E, Glover J. Oral versus intramuscular vitamin A in the treatment of xerophthalmia. *Lancet* 1980;1:557-559.
29. Sommer A. The xerophthalmic cornea. In: Trevor-Roper P, ed. *The Cornea in Health and Disease. Proceedings of the VI European Congress of Ophthalmology*. London: Academic Press Inc and the Royal Society of Medicine 1981:1107-1112.
30. Sommer A, Green WR, Kenyon KR. Bitot's spots responsive and nonresponsive to vitamin A: clinicopathologic correlations. *Arch Ophthalmol* 1981;99:2014-2027.

31. Sommer A, Tarwotjo I, Hussaini G. Incidence, prevalence and scale of blinding malnutrition. *Lancet* 1981;1:1407-1408.
32. Tarwotjo I, Sommer A, Soegiharto T. Dietary practices and xerophthalmia among Indonesian children. *Am J Clin Nutr* 1982;35:574-581.
33. Sommer A, Green WR, Kenyon KR. Clinicohistopathologic correlations in xerophthalmic ulceration and necrosis. *Arch Ophthalmol* 1982;100:953-963.
34. Sommer A, Sugana T. Corneal xerophthalmia and keratomalacia. *Arch Ophthalmol* 1982;100:404-411.
35. Sommer A, Muhilal. Nutritional factors in corneal xerophthalmia and keratomalacia. *Arch Ophthalmol* 1982;100:399-403.
36. Sommer A, Emran N. Tear production in vitamin A-responsive xerophthalmia. *Am J Ophthalmol* 1982;93:84-87.
37. Sommer A. Conjunctival appearance in corneal xerophthalmia. *Arch Ophthalmol* 1982;100:951-952.
38. Sommer A, Muhilal, Tarwotjo I. Protein deficiency and treatment of xerophthalmia. *Arch Ophthalmol* 1982;100:785-787.
39. Sommer A, Tarwotjo I, Hussaini G, Susanto J, Soegiharto T. Scale of blinding malnutrition. *World Health Forum* 1982;3:107-108.
40. Sommer A, Green WR. Goblet cell response to vitamin A treatment for corneal xerophthalmia. *Am J Ophthalmol* 1982;94:213-215.
41. Tarwotjo I, Tilden R, Pettiss S, Sommer A, Soedibjo S, Hussaini G, Sulistijo JS, Nendrawati H. Interactions of community nutritional status and xerophthalmia in Indonesia. *Am J Clin Nutr* 1983;37:645-651.
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