

Revised January 12, 2010

CURRICULUM VITAE

James Parker McCulley, M.D.

PRESENT POSITION

The David Bruton, Jr. Professor and Chairman, Department of Ophthalmology, The University of Texas Southwestern Medical Center at Dallas, Southwestern Medical School

EDUCATION

College Degree: Texas Christian University, B.S., 1965
Medical Education: Washington University, St. Louis, Mo., M.D., 1968

INTERNSHIP

Harvard Medical (II & IV) Service, Boston City Hospital - Straight Medical 1968-1969

RESIDENCY

Resident in Ophthalmology, Massachusetts Eye and Ear Infirmary (concomitantly N.I.H. Ophthalmic Trainee) 7/1/69 to 6/30/73

FELLOWSHIPS

Research Fellow, Department of Cornea Research, Retina Foundation, 7/14/69 - 10/1/70 and 7/1/73 - 6/30/74 (Under direction of Claes H. Dohlman, M.D.)
Fellow, Cornea Service, Massachusetts Eye and Ear Infirmary, 7/1/73 - 6/30/74 (Under direction of Claes H. Dohlman, M.D.)
Heed Ophthalmic Fellow, 7/1/73 - 6/30/74

OTHER TRAINING

N.I.H. Student Research Fellowship, 1/68 - 3/68 (Under direction of Neal S. Bricker, M.D.)
Harvard Basic Science Course in Ophthalmology, 9/69 - 12/69
AUPO Department Chairs Management Course, UCLA, 1990
Executive Management Program, Wharton School of Business, January 1999

BOARD CERTIFICATION

Diplomate, American Board of Ophthalmology, 5/8/74

APPOINTMENTS

Hospital Appointments:

Chairman, Department of Ophthalmology, Zale Lipshy University Hospital,
1980 - present
Chief of Service at:
Zale Lipshy University Hospital – Chief of Ophthalmology Service 1989 -
present
Parkland Memorial Hospital -- (10/80-8/81) – Chief of Service 9/1/81 - present
Children's Medical Center – (3/81-8/81) – Chief of Service - 9/1/81 - present
VA North Texas Health Care - 10/80 - present
Baylor University Medical Center - 10/80 - present
St. Paul Hospital - 5/81 - present
Presbyterian Hospital of Dallas - 11/80 - present
Teaching Consultant, Tarrant County Hospital District,
John Peter Smith Hospital, 1/87 - present.
Stanford University Medical Center - 7/1/76 - 7/31/80
Consultant, Palo Alto Veterans Administration Hospital - 8/76 - 7/31/80
Consultant, Agnew State Hospital, 7/1/76 - 7/1/80
Consultant, San Joaquin Valley Medical Center, 8/1/76 - 7/31/80
Consultant, Santa Clara Valley Medical Center, 11/76 - 7/31/80

Teaching Appointments:

Clinical Fellow in Ophthalmology, Massachusetts Eye and Ear Infirmary, 7/1/73 -
6/30/74

Military Appointments:

Lieutenant Commander, Medical Corps, United States Naval Reserve, Staff
Ophthalmologist, National Naval Medical Center, Bethesda, Maryland, 7/1/74 -
6/30/76.

Academic Appointments:

David Bruton, Jr. Professor and Chairman, Department of Ophthalmology,
University of Texas Southwestern Medical Center at Dallas, Southwestern
Medical School - 9/1/81 - present.
Professor and Chairman of Ophthalmology, University of Texas Southwestern
Medical Center at Dallas, Southwestern Medical School 9/1/81 - Present
Associate Professor of Ophthalmology, University of Texas Health Science
Center at Dallas, Southwestern Medical School, 8/1/80 - 8/31/81
Assistant Professor of Surgery (Ophthalmology), Stanford University Medical
School, 7/1/76 - 7/31/80
Clinical Fellow, Department of Ophthalmology, Harvard Medical School, 1969-
1970, 1973-1974

Other Appointments and Activities:

Bausch & Lomb Medical Consultants Panel, Soflens Division

July 1978 - January 1980.

Medical Director, Stanford Eye Bank, 1976 - 1980

Lecturer in "Basic Science Course in Ophthalmology at Stanford," 1977 - 1980.

Lecturer in Ophthalmology Update Course of Foundation for Systematic Postgraduate Education in Ophthalmology 1977 - 1978 (first cycle) and 1980-1981 (second cycle).

Chairman of Section on Contact and Intraocular Lenses in Ophthalmology Update Course of Foundation for Systematic Postgraduate Education in Ophthalmology (1980 - 1981).

External Advisory Committee, LSU Eye Center, New Orleans, 1996 - present.

Liaison to St. John's Hospital, Jerusalem, for new fellowship positions, 1999 - present

Lecturer in American Academy of Ophthalmology Southern Regional Update Course 1984 (Houston, Texas) and 1988 (Miami, Florida)

Research Section Committee Member for Cornea Section of Association for Research in Vision and Ophthalmology 1979 - 1982, (Chairman 1981-82)

Alternate Representative to Faculty Senate, Stanford University Medical School 1980.

Lecturer in The University of Texas Medical School at Houston, Ophthalmology Basic Science Course, 1981 - present.

Member Advisory Board for The Center for Alternatives to Animal Testing, Johns Hopkins University 1981 - 2005; Member Executive Committee - 1989-2005

Member State Commission For The Blind (Texas) Advisory Council
May 1982 - 2004

Member Medical Advisory Board of the Corneal Dystrophy Foundation
July 1982 – present

Alcon Ophthalmic Advisory Committee 1984 - present

Other Appointments and Activities (Selected) [cont.]

Member Executive Committee of the Castroviejo Society November 1984 –
Program Chairman, 1987 - 1992; Vice President and President Elect 1989-
1991; President, 1992 -- 1993

November 2003; December 2003 changed name to Cornea Society – member
December 2003 to present;

Secretary-Treasurer, Association of University Professors of Ophthalmology,
1984 - 1989

Continuing Education in Ophthalmology Committee, Texas Ophthalmological
Association, 1984 - present

Chairman, Committee on Continuing Education, Texas Ophthalmological
Association, 1985 - 1988

Medical Advisory Board, Eye Bank Association of America, 1984-1986
Member Board of Directors, Eye Bank Association of America, 1986 - 1992
Councilor, Executive Council, Texas Ophthalmologic Association, 1985 - 1988
Fight for Sight Fellowship Review Panel, 1984 and 1985
Medical Advisory Council of National Eye Trauma System, 1986 - present.
 Member Executive Committee 1986 - present; Chairman of National
 Symposium Committee, 1990 - present.
Member Continuing Medical Education Committee of Contact Lens Assoc. of
 Ophthalmologists in Charge of Poster Presentations, 1987 - 1991;
 Member of the Board of Directors, 1988 - 1992
President of Committee to Judge English-speaking Resident Scientific Paper
 Contest, 1989 Pan American-Brazilian Congress
Fellow, The Royal College of Ophthalmologists, United Kingdom, June, 1989
 to present
American Board of Ophthalmology Associate Examiner, January 1989 to present
Consultant to FDA Ophthalmic Device Panel, 1994 - present
Member, Residency Review Committee for Ophthalmology, American Medical
 Association representative, January 1990 - present
Member, Standing Panel for Accreditation Appeals, Accreditation Council for
 Graduate Medical Education, Ophthalmology, January 1998 - present
Member, Strategic Planning Committee, Association for Research in Vision and
 Ophthalmology, January 1993 - 1994
Member, Medical Advisory Committee, Texas Society to Prevent Blindness, 1994
Member, Program Committee, Texas Ophthalmological Association, 1994 - 1996
Member, International Advisory Board and Symposium Organizer, International
 Conference on Ocular Infections, Jerusalem, Israel, 1995
Methods for Assessing Chemically--Induced Acute Ocular Injury, 1996 -
 present
Member, Ophthalmic Devices Panel of the Medical Devices Advisory Committee,
 Food and Drug Administration, Department of Health and Human Services,
 January 1996 - 2000, Chairman January 1998 - 2000; Consultant 2000 -
 present
Member, International Advisory Committee, Second International Conference
Member, International Life Sciences Institute, Health and Environment Sciences
 Institute, Coordinating Committee for the Development of Alternative
 the Lacrimal Gland, Tear Film and Dry Eye Syndromes: Basic Science and
 Clinical Relevance, Bermuda, 1996
Chairman, Session on Meibomian Gland & Tear Film Lipids, Structure, Function,
 and Control, Second International Conference on the Lacrimal Gland, Tear
 Film and Dry Eye Syndromes: Basic Science and Clinical Relevance,
 Bermuda, 1996
Founding Board Member, Eye Care Consortium of Texas, 1998 - present, Vice
 Chairman - 2002 - present
Member, Board of Foundation Fighting Blindness, January 1999 - present

Other Appointments and Activities – continued

Chair, ARVO Animals in Research Committee (ad hoc), January 2000 - present
Organizing Committee, Third International Conference of Cornea
Eyebanking and External Disease, Istanbul, Turkey, July 13-16, 2000
Organizing Committee, Third International Conference on the Lacrimal
Gland, Tear Film and Dry Eye Syndromes: Basic Science and Clinical
Relevance, Maui, Hawaii, November, 2000
Medical Advisory Committee, Texas Society to Prevent Blindness, member
January 1994 - present
Board Member, Prevent Blindness Texas, January 1999 – January 2005
Advisory Board Member January 2005 – present
Medical Scientific Committee, Prevent Blindness Texas, January 2001- present
LASIK Institute, Board of Directors, February 2001 - 2002
Pan-American Association of Ophthalmology Board of Directors, Delegate
representing USA, July 2001 to Present
Member, Board of Directors, Reading & Radio Resources, January 2000 –
Present
Chairperson, Medical and Scientific Advisory Board of the Tear Film & Ocular
Surface Society, January 2002 - present
Member of Medical & Scientific Advisory Board (MSAB) of TFOS December
2005–2013
Member Alcon Scientific Advisory Board January 2002--present
The University of Texas Southwestern Medical Center at Dallas Co-Medical
Director of the Dallas Lions Sight and Tissue Foundation April 1982 to
present
Medical Service and Research Development Plan Secretary, September 1983 –
1988; Vice Chairman, September 1988 - 1990
Member of Steering Committee, September 1983 - present, Chairman,
September 1990 - 1992
Vice Chairman of Medical Advisory Council of Parkland Memorial Hospital,
September 1984 - 1985
Dean's Advisory Committee, September 1981- present
Member, International Life Sciences Institute, Health and Environment
Sciences Institute, Coordinating Committee for the Development of
Alternative
Faculty Council, September 1981 - present
Graduate Medical Education Committee, September 1981 - 1998.
Veterans Administration Dean's Committee, September 1981 - 1992, September
2005 – present
Transplant Services Center Medical Advisory Board, September 1986 - present.
Continuing Education Advisory Committee, September 1981 - 1992
Professional Liability Advisory Committee, September 1990 - present
Member, Clinical Advisory Committee of the University of Texas

Other Appointments and Activities – continued

Southwestern Health Systems (a Non-Profit Health Care Corporation),
September 1994 - present.
Member, Board of Directors, the University of Texas Southwestern Health
Systems, September 1998 - present
Member, Billing Compliance Committee, September 1996 - 2004.
Member, Compliance and Ethics Committee, September 1998 - present.
Member, Clinical Planning Committee, September 1982 - present
Member, Finance Committee, University of Texas Southwestern Health
Systems, September 2002 - present
Member, Professional Liability Advisory Committee September 1996 – present
Parkland Memorial Hospital Space Allocation and Planning Subcommittee
of Medical Advisory Council, September 1984 - 1988
Nominating Committee of Attending Staff, September 1984
President Elect of the Attending Staff, September 1985
President Attending Staff, September 1986
Secretary of Medical Advisory Council, September 1994 - present
Zale Lipshy University Hospital
Medical Advisory Board, September 1984 - present
Medical Executive Committee, Elected September 1990.
Operating Room Committee, September 1989 - present, Chair 1991 - 1993
Medical Director, Zale Lipshy Laser Center for Vision, September 1996 –
present
National Eye Institute (NIH) Activities
Corneal Disease Panel of the National Advisory Eye Council (1980 - 1982)
Primary Author of Chapter IV on Corneal Edema, Endothelial Dysfunction,
Dystrophies and Inherited Disorders in Vision - A National Plan 1983-198
NIH Publication No. 83-2472. Secondary Author on Chapters I, II, III and V
in Vision - A National Plan 1983-88 NIH Publication No. 83-2472.
Vision Research Program Committee - Member Ad Hoc Study Section and
Site Visit Team Dec I-2, 1980 (Pittsburgh Eye and Ear Infirmary)
Vision Research Program Committee, Member Ad Hoc Study Section, June
25, 1981.
Ad Hoc Study Section of Behavior and Neurosciences B Fellowship
Committee March 23, 1981 and May 29, 1981.
Behavioral and Neurosciences Study Section August 1981 - 1983.
Ad Hoc Review Group - Vision Research Program Committee
June 25, 1981 (Study and Therapy of Immune Ocular Diseases at
Pittsburgh Eye and Ear Infirmary)
Ad Hoc Construction Grant Program, Study Section, August 27, 1982.
Physician Monitor for NEI Prospective Evaluation of Radial Keratotomy
(January 1980 - present).
Ad Hoc Member VISA-1 Study Section, June, 1990; October, 1990

Other Appointments and Activities – continued

Member, Visual Sciences A Study Section, Division of Research Grants,
July 1, 1991 - 1994, Chairman, February, 1994.

Member, Ad Hoc Committee, March 9, 2004

Served as Consultant to prepare search for new Chair of Ophthalmology at
UTMB in Galveston, TX, December 9-10, 2004

Participant on Honorary Steering Committee of the World Cornea Congress V,
April 13-15, 2005

Overseas Fellow, The Royal Society of Medicine, December 2005 to present
International Advisor, Member of the Board of ALCRS December 2005 to
present

Co-chairperson, 5th International Conference on the Tear Film & Ocular Surface
and Clinical Relevance, Taormina, Sicily, September 2007

The University of Texas Southwestern Medical School Search Committees:

Chair of Obstetrics & Gynecology Chairman Search 1983; Member,
Department of Surgery Chairman Search Committee, 1990; Member,
Search Committee for Executive Vice President of Clinical Affairs, 1990;

Member, Search Committee for Chair of Anesthesiology Department
Chairman, 2001; Member, Search Committee, Dean, UT Southwestern
Medical School, 2005; Chair, Search Committee for Department of
Orthopaedics Chairman 2005-2006; Member, Search Committee for UT
Southwestern Dean/Provost 2008; Member, Professional Liability Advisory
Committee 2008-2010; Member, Continuing Education Advisory
Committee 2009-2010;

Order of St. John, USA Priory, Hospital Advisory Committee, USA Priory Hospital
Board 2006-2009 Promoted to rank of Regional Hospitaler, June 2009

Invited Guest or Feature Lecturer

Iowa Eye Associate and University of Iowa Clinical Conference, April, 1980
Tarrant County Ophthalmological Society, 1981
Cambridge University (U.K.), 1984
Austin Ophthalmological Association, 1985
Oxford University (U.K.), 1985
Texas Tech Medical School Alumni Association, June, 1986
Washington State Eye Association, August, 1986
Manchester University (U.K.), 1986
Bowman Gray Medical School, Visiting Professor, 1986
Aspen Corneal Society, 1988, 1989, 1990, 1991
Austin Ophthalmology Society, 1988
Cambridge University (U.K.), 1988
Frontiers in Ophthalmology, 1989
University of Cincinnati Medical Center, Visiting Professor, 1989
University of Pittsburgh, Visiting Professor, 1989
Buenos Aires Ophthalmology Department, 1989
University of Southern California, Visiting Professor, 1990
Massachusetts Eye and Ear Infirmary, Harvard Medical School,
Ophthalmology Alumni Meeting, Guest of Honor, 1990
Harvard Medical School, Department of Ophthalmology, Massachusetts
Eye and Ear Infirmary, 1990
Japanese Ophthalmology Society/Japanese Association of Ocular
Infection, 1990
University of California at San Diego, Visiting Professor, 1991
Georgetown University Medical School, Visiting Professor and Reviewer of
Residency Training Program - 1991
University of Kansas and Kansas Ophthalmological Society, The Edward J.
Curran M.D. Memorial Lecture, Eyecon Advances in Ophthalmology
Series, 1991
German Ophthalmological Society, International Symposium, Update on
Infectious Diseases of the Eye, 1991
Academy of Washington Eye Physicians and Surgeons, 1992
Sociedad Oftalmologica Centro Medico Nacional, Morelia, Mexico, 1992
In Vitro Toxicology: Tenth Anniversary Symposium at CAAT, Keynote
Special Lecture, Johns Hopkins University, April, 1992
Jules Stein Eye Institute Annual Postgraduate Seminar, Cornea-External
Disease and Comprehensive Ophthalmology, 1993
Mexican Society of Ophthalmology and Center for Cornea of Mexico,
Coliquio de Cornea, Guest of Honor, 1993
Hospital Juarez de Mexico, Guest of Honor upon Inauguration of Eye Bank, Oct.
1993.
Massachusetts Eye and Ear Infirmary, Harvard Medical School, 5th Claes

Invited Guest or Feature Lecturer, cont.

Dohlman Lecture, October, 1993.
Texas College of Emergency Physicians, Invited Guest Speaker, 1993, 1994, 1995
Society of Air Force Clinical Surgeons, Honored Guest Speaker, 1994.
Texas Technological Institute - Visiting Professor, 1994
Omaha Eye Society, Invited Guest Lecturer, 1994
Lubbock Ophthalmology Society, Invited Guest Lecturer, 1994
Omaha Ophthalmology Society, Invited Guest Lecturer, 1994
Oklahoma City Journal Club, Invited Guest Lecturer, 1994
Corpus Christi Ophthalmology Society, Invited Guest Lecturer, 1994
St. Luke's and St. Johns Mercy Ophthalmology Society, St. Louis, Invited Guest Lecturer, 1994
San Antonio Society of Ophthalmology, Invited Guest Speaker, 1995
Long Island Ophthalmological Eye Institute, New Hyde Park, New York, Visiting Professor, 1995
Texas College of Emergency Physicians, Galveston, TX, Visiting Professor, 1995
Brookwood Eye Institute, Birmingham, Alabama, Visiting Professor, 1995
Louisiana State University, Fifth Annual LSU-Shreveport Resident Alumni Day, Visiting Professor, 1995
Phoenix Eye Society, Phoenix, Arizona, Invited Guest Speaker, 1995
Japanese Contact Lens Society of Ophthalmology, 38th Congress, Tokyo, Japan, Honored Principle Guest Speaker, 1995
Las Vegas Ophthalmic Society, Invited Guest Speaker, 1995
Albuquerque Ophthalmological Society, Albuquerque, New Mexico, Invited Guest Speaker, 1996
Brooklyn Ophthalmology Society, Brooklyn, New York, Invited Guest Speaker, 1996
Tarrant County Ophthalmological Society, Fort Worth, Texas, Invited Guest Speaker, 1996
Lubbock Ophthalmological Society, Lubbock, Texas, Invited Guest Speaker, 1996
Louisiana-Mississippi Ophthalmological and Otolaryngological Society, New Orleans, Louisiana, Invited Guest Speaker, 1996
Valley Ophthalmological Association, McAllen, Texas, Invited Guest Speaker, 1996
Palo Alto Allergy Update, San Francisco Society of Ophthalmology, Invited Guest Speaker, August, 1996
Springfield Clinic CME Monthly Meeting, Springfield, Illinois, Invited Guest Speaker, 1996
Houston Ophthalmological Society, Houston, Texas, Invited Guest Speaker, 1996

Invited Guest or Feature Lecturer, cont.

Jackson Society of Ophthalmology, Jackson, Mississippi, Invited Guest Speaker, 1996
Upper Wisconsin Academy of Ophthalmology, Egg Harbor, Wisconsin, Invited Guest Speaker, 1996
Redwood Empire Ophthalmological Society, Santa Rosa, California, Invited Guest Speaker, 1996
Lubbock Ophthalmological Society, Lubbock, Texas, Invited Guest Speaker, 1996
Southwestern Eye Center, Tucson, Arizona, Invited Guest Speaker, 1997
DPS, Minneapolis, Minnesota, Invited Guest Speaker, 1997
PCS Health Systems, Minneapolis, Minnesota, Invited Guest Speaker, 1997
Aetna/US Health Care, Minneapolis, Minnesota, Invited Guest Speaker, 1997
Turkish American Ophthalmic Society, New Orleans, LA, Invited Guest Speaker, 1997
Long Beach Memorial University of California Irvine, CA, Invited Guest Speaker, 1997
Tucson Ophthalmological Society, Tucson, Arizona, Invited Guest Speaker, 1997
Cornea Research Foundation of America, Indianapolis, Indiana, Invited Guest Speaker, 1997
Korea University, Department of Ophthalmology, Honored Guest Speaker, 1997
Korean Association of Ophthalmology, Honored Guest Speaker, 1997
El Paso Ophthalmology Association, El Paso, Texas, Invited Guest Speaker, 1997
Omaha Ophthalmological Society, Omaha, Nebraska, Invited Guest Speaker, November, 1997
Kansas City Journal club, Invited Guest Speaker, April, 1997
Pharmacy Advisory Board, Invited Guest Speaker, Scottsdale, Arizona, January, 1998
Contact Lens Association of Ophthalmologists, Invited Speaker, Las Vegas, Nevada, January, 1998
Association of University Professors of Ophthalmology, Speaker, Phoenix, Arizona, February, 1998
Las Vegas Ophthalmological Society, Guest Speaker, Las Vegas, Nevada, March, 1998
Acadiana Ophthalmology Society, Lafayette, Louisiana, Invited Guest Speaker, March, 1998
Texas Ophthalmological Association, San Antonio, TX, Invited Guest Speaker, April, 1998
El Centro Oftalmológico de Valencia, Sociedad Venezolana de Oftalmología,

Invited Guest or Feature Lecturer, cont.

University of Carabobo, Venezuela, Honored Guest Speaker, May, 1998
St. Anthony's Ophthalmological Society, St. Louis, Mo., Invited Guest Speaker, May, 1998
2nd International Conference on Ocular Infections, Munich, Germany, August, 1998,
Invited Guest Speaker Washington National Eye Center, Washington D.C., Guest Faculty, March, 1998
Valley Ophthalmology Society, McAllen, Texas, Invited Guest Speaker, 1998
Ophthalmology Section Meeting, Waco, Texas, Invited Guest Speaker, 1998
Seventh Annual Ocular Surgery News Symposium, New York City, Invited Guest Speaker, October, 1998
The Whitney Sampson Lecture, American Academy of Ophthalmology and Contact Lens Association of Ophthalmologists, Combined Annual Meeting, New Orleans, LA, November, 1998
The InterCity Ophthalmological Society, Invited Guest Speaker, Philadelphia, PA, February, 1999
The Utah Ophthalmological Society, 20th Annual Winter Meeting, Invited Guest Speaker, February, 1999
The American Society for Cataract and Refractive Surgery, Speaker, Annual Meeting, Seattle, WA, April, 1999
Castroviejo Society Workshop on the Meibomian Gland and its Diseases, "Meibomian Chemistry," Coral Gables, FL, Invited Speaker, May 1999
Hartford Ophthalmology Society, Hartford Connecticut, Invited Guest Speaker, June, 1999
Amarillo Ophthalmology Society, Invited Guest Speaker, Amarillo, TX, August, 1999
Alcon Pharmaceuticals, Invited Guest Speaker, Fort Worth, TX, Sept. 1999
Greater Charlotte Ophthalmologists and Optometrists Society, Invited Guest Speaker, Charlotte, North Carolina, October, 1999
Ophthalmic Update Meeting, Invited Guest Speaker, Little Rock, AR, April, 2000
Clinician-Scientist Catalyst Meeting, Invited Guest Speaker, Alexandria, VA, April, 2000
External Disease Meeting, Invited Guest Speaker, Chevy Chase, MD, May, 2000
Bascom Palmer Eye Center, University of Miami School of Medicine, Invited Guest Speaker, Miami, FL, June, 2000
Memphis Eye Convention, Invited Guest Speaker, Memphis, TN, June, 2000
84th Annual Pacific Coast Oto-Ophthalmological Society, Principal Invited Guest Speaker, Cabo San Lucas, Mexico, June 2000
St. Louis Ophthalmological Society, Invited Guest Speaker, August, 2000

Invited Guest or Feature Lecturer, cont.

Phoenix Ophthalmological Society, Invited Guest Speaker, August, 2000
Ninth Annual Ocular Surgery News Symposium on Cataract, Glaucoma & Refractive Surgery, Invited Guest Speaker, New York City, NY, Sept, 2000
ASCRS Symposium at the American Academy of Ophthalmology Annual Meeting, Invited Speaker, Dallas, Texas, October, 2000
Third International Conference on the Lacrimal Gland, Tear Film, and Dry Eye Syndromes: Basic Science and Clinical Relevance, Invited Keynote Speaker, Maui, Hawaii, November, 2000
Idaho Society of Ophthalmology, 2001 Summer Meeting, Sun Valley, Idaho, Invited Principle Speaker, August, 2001
XXII Annual Alamo City Ophthalmology Clinical Conference, Bajandas Lecturer, The University of Texas Health Science Center at San Antonio, March, 2002
University of Cincinnati and Cincinnati Society of Ophthalmology, Invited Speaker, April, 2002
Case Western Reserve University School of Medicine and the Cleveland Ophthalmological Society, Lorand Johnson Speaker, April, 2002
International Medical Contact Lens Symposium, Sydney, Australia, Invited Speaker, April, 2002
XXIXth International Congress of Ophthalmology, Sydney, Australia, Invited Speaker, April, 2002
Herman K. Goldberg Lecture, Sinai Hospital Symposium, Johns Hopkins Medical Center, Baltimore, MD, July, 2002
Challenges, Controversies, and New Opportunities, Continuous Wear Contact Lenses for the New Millennium Symposium, Invited Speaker, San Diego, CA, August, 2002
Central South Carolina Ophthalmology Society, Invited Guest Speaker, March, 2003
Visiting Professor, Invited Primary Speaker, IX Congreso Internacional del Centro Mexicano de Córnea y Cirugía Refractiva, Cancún, Quintana Roo, Mexico, July, 2003
Invited Guest Speaker, New York Eye and Ear, June, 2003
Invited Guest Speaker, Waco Ophthalmological Society, August, 2003
Invited Guest Speaker, St. Louis Ophthalmological Society, October, 2003
Invited Guest Speaker, Tallahassee Ophthalmological Society, October 22, 2003
Principal Speaker, Alcon Dry Eye Summit Meeting, Boston, October 24-26, 2003
Invited Guest Speaker, The Lebanese Ophthalmological Society and The Jordanian Ophthalmological Society, April 2004
Invited Guest Speaker, Madison, WI Ophthalmological Society, June 30, 2004.
Invited Feature Speaker, Molecular Pathogenesis of Infectious and Inflammatory Eye Research Conference, August 28, 2004, Sydney, Australia

Invited Guest or Feature Lecturer, cont.

Invited speaker for the Corneal Transplantation session at the World Cornea Congress V in April, 2005 in Washington, DC

Invited participant on Honorary Steering Committee of the World Cornea Congress V in Washington, DC in April 2005

Invited Lecturer, Indianapolis Ophthalmological Society, February 8, 2005

Visiting Professor Grand Rounds, Indiana School of Medicine, February 9, 2005

Invited speaker, World Cornea Congress V, Washington, DC, April 13-15, 2005

Invited guest speaker, Baton Rouge, LA Ophthalmological Society, June 15, 2005

Invited faculty/speaker for "Innovations in Cataract Surgery" in Jacksonville, FL, June 25, 2005

Invited guest speaker, Oklahoma Ophthalmological Society, June 29, 2005

Invited guest speaker, Royal Hawaiian Eye Meeting, January, 2006

Feature Speaker, 1^{er} Simposio EED Internacional Enfermedades Externas Oculares, Bogota, Colombia, January 2006

Feature Speaker, La Fundacion Oftalmologica Nacional Fundonal XXVII, January 2006

Invited guest speaker, Ophthalmological National Foundation Bogota, Colombia, January 26-28, 2006

Invited guest speaker, SIAC Sociedade Ibero-Americana de Cornea, AAO symposium, ISRS/AAO Refractive Surgery on the Edge, Sao Paulo, Brazil February 2006

Moderateship/Coordinator Chair on course, speaker on five continents symposium, World Ophthalmology Congress Sao Paulo, Brazil February 2006

Principal Invited Speaker, Miami Ophthalmology Society and Bascom Palmer Eye Institute, University of Miami, Miller School of Medicine, April 27, 2006

Featured Speaker, Ophthalmology Update 2006, University of Mississippi Medical Center, August 2006

Invited guest speaker, International Society of Refractive Surgery of the American Academy of Ophthalmology, Las Vegas, Nevada, November 10, 2006

Featured Speaker, Turkish American Ophthalmic Society, Las Vegas, Nevada, November 12, 2006

Invited guest speaker, Johns Hopkins 24th Annual Current Concepts of Ophthalmology, Vail, CO, March 2007

Invited speaker, XVIII Congreso Argentino de Oftalmologia, Buenos Aires, Argentina, July 2007

Invited speaker, Taormina, Sicily, 5th International Conference on the Tear and Film & Ocular surface: Basic Science and Clinical Relevance "Role of Evaporation on Aqueous Tear Loss and Potential Strategies for Treatment, September 2007

Invited Guest or Feature Lecturer, cont.

Visiting Professor at Stanford University Medical School, March 4, 2008
SE Eye Annual Meeting (Louisiana, Tennessee, Alabama, Mississippi State
Ophthalmology Societies), Invited Feature Speaker, July 2008
Invited guest speaker, Peninsula Eye Society, San Francisco, CA June 2009
Visiting Professor, Yale University, Yale Eye Center Clinicial Conference Series,
December 2009

Referee for following Journals:

American Journal of Ophthalmology
Journal of Clinical Investigation
Archives of Ophthalmology
Investigative Ophthalmology and Visual Science
Journal of Burn Care and Rehabilitation
Pediatric Infectious Disease
The CLAO Journal
CORNEA
Current Eye Research
Journal of Cataract and Refractive Surgery

Editorial Boards:

CORNEA - 1989 - 1995
Guest Editorial Board Member - IOVS
CLAO J - 2002 - 2003
Eye & Contact Lens - 2003 - present
The Ocular Surface - 2001 - present
Member, Editorial Board, *Journal of Turkish Ophthalmology*, February 2004
– present

PROFESSIONAL SOCIETIES AND MEMBERSHIPS

Alpha Chi Honorary Academic Fraternity as of 1963
Alpha Omega Alpha Honorary Academic Medical Society as of 1967
American Board of Ophthalmology Associate Examiner, 1989 to present
American College of Surgeons, Fellow, June, 1989
American Society of Cataract and Refractive Surgery (previously American Intraocular Implant Society) 1978 - present
American Medical Association as of June, 1977
American Academy of Ophthalmology and Otolaryngology, currently American Academy of Ophthalmology, as of September 21, 1975
American Ophthalmological Society Approved for Membership, 1990
American Society of Contemporary Ophthalmology as of June, 1980
Association for Research in Vision and Ophthalmology as of April, 1975
California Medical Association - June, 1977 - August, 1980
Castroviejo Society as of November, 1979 – now Cornea Society 2002
Claes Dohlman Fellows Association as of July, 1976
Contact Lens Association of Ophthalmologists as of 1978, Board of Directors 1987 - 1992
Dallas Academy of Ophthalmology as of May, 1981, Board of Directors, 1993 - 1996
Dallas County Medical Society as of May, 1981
International Association of Ocular Surgeons, 1983 - present
International Corneal Society as of June, 1981
International IOL Society April, 2006
International Intra-Ocular Implant Club September, 2006
International Society of Dacryology & Dry Eye October, 2003
International Society of Eye Research as of September, 1980
International Society of Refractive Keratoplasty as of 1984
Massachusetts Eye and Ear Infirmary Alumni Association as of 1974
Ocular Microbiology and Immunology Group as of September, 1975
Outpatient Ophthalmic Surgery Society, Inc. As of January 2005
Pacific Coast Oto-Ophthalmological Society May 24, 1978 - 1981
Pan American Association of Ophthalmology as of 1984
Board of Directors, Delegate Representing USA, July 2001 – 2003
Board of Directors, Pan-American Association of Ophthalmology, 2007-2009
Peninsula Eye Society - October, 1976 - August, 1980
Research to Prevent Blindness - Ophthalmological Associate as of 1977
Royal College of Ophthalmologists, United Kingdom, June, 1989 – present
San Francisco Ophthalmological Round Table, 1980
Santa Clara County Medical Society - June, 1977 - August, 1980
Society of Heed Fellows as of 1975
Tear Film & Ocular Surface: Basic Science & Clinical Relevance, Program Committee, September 2007
Texas Ophthalmology Association as of September, 1981
Texas Medical Association as of May, 1981

PROFESSIONAL SOCIETIES AND MEMBERSHIPS - continued

The Royal Society of Medicine as of January 2006
Washington University Medical School Alumni Association as of 1976
Honorary Board of the American Foundation for the Blind Center on Vision Loss,
March 2008

LICENSURE

CaliforniaNo. G32574 (7/26/76)
Missouri.....No. 31789 (6/68)
Massachusetts No. 31606 (7/69)
Maryland No. D17319 (9/74)
Texas No. F8947 (2/81)
Certified by National Board of Medical Examiners, Candidate No. 107835, (7/69)

HONORS

Wilbur M. Kidd Academic Scholarship, Texas Christian University, 1961-1964
Washington University, St. Louis - Alumni Award in Internal Medicine, 1968
Visiting Professor - University of Iowa, 1980
American Academy of Ophthalmology, Honor Award, 1985, Senior Honor Award, 1994
American Board of Ophthalmology Associate Examiner, 1989 to present.
Visiting Professor - Texas Tech Medical School Alumni Assoc., 1986
Visiting Professor - Bowman Gray Medical School, 1986
Visiting Professor - University of Cincinnati, 1989
Visiting Professor - University of Pittsburgh, 1989
Visiting Professor - University of Buenos Aires, 1989
Visiting Professor - University of Southern California, 1990
Guest of Honor - Massachusetts Eye and Ear Infirmary, Harvard Medical School,
Ophthalmology Alumni Meeting - May, 1990
American Ophthalmologic Society - Membership, 1990
Visiting Professor - Louisiana State University, Shreveport, 1990
Visiting Professor - University of California at San Diego, 1991
Visiting Professor and Reviewer of Residency Training Program - Georgetown Univ. Med.
School - 1991
Named Lectureship - The Edward J. Curran, M.D. Memorial Lecture, University of
Kansas and Kansas Ophthalmological Society, Eyecon Advances in Ophthalmology
Series, 1991
Invited Principle Guest Speaker - Academy of Washington Eye Physicians and
Surgeons, 1992
Invited Guest or Feature Lecturer - Sociedad Oftalmologica Centro Medico Nacional,
Morelia, Mexico, 1992

HONORS cont.

Listed in The Best Doctors in America, Woodard/White, Inc. publishers, 1992, 1993, and 1994, 1995-1996, 2003-2004.

Listed by Best Doctors, Inc. 2001-2002, 2009-2010.

Listed in The Best Doctors in America: Central Region, "Corneal Disease and Transplantation," Woodard/White, Inc. publishers, 1996-1997, 2001-2002

Invited Keynote Special Lecture - In Vitro Toxicology: Tenth Anniversary Symposium at CAAT, Johns Hopkins University, April, 1992

Guest of Honor, Mexican Society of Ophthalmology and Center for Cornea of Mexico, Coliquio de Cornea, 1993

Guest of Honor, Hospital Juarez de Mexico, upon Inauguration of Eye Bank, Oct. 1993. 5th Claes H. Dohlman Lecture, Massachusetts Eye and Ear Infirmary, Harvard Medical School, October, 1993.

Invited Guest Lecturer, Jules Stein Eye Institute Annual Postgraduate Seminar, Cornea-External Disease and Comprehensive Ophthalmology, 1993

Invited Guest Speaker, Texas College of Emergency Physicians, 1993, 1994, 1995

Honored Guest Speaker, Society of Air Force Clinical Surgeons, 1994

Visiting Professor, 5th Annual LSU-Shreveport Resident Alumni Day, Louisiana State University, 1995

Honored Principle Guest Speaker, 38th Japanese Contact Lens Society of Ophthalmology Congress, Tokyo, Japan, 1995

Visiting Professor, Department of Ophthalmology Alumni Day Meeting, University of Colorado, Denver, Colorado, 1996

Visiting Professor, Department of Ophthalmology, University of South Florida Eye Institute, Tampa, Florida, 1997

Visiting Professor, University of Cincinnati, Cincinnati Society of Ophthalmology, Cincinnati, Ohio, April, 1997

Honorary Member, Turkish American Ophthalmic Society, Inc., New Orleans, Louisiana, 1997

Visiting Professor, University of Arizona Health Sciences Center, Tucson, Arizona, December 1997

Honor Award from Contact Lens Association of Ophthalmologists, January, 1998

El Centro Oftalmológico de Valencia, Sociedad Venezolana de Oftalmología, University of Carabobo, Venezuela, Honored Guest Speaker, May, 1998

International Advisory Board, 2nd International Conference on Ocular Infections, Munich, Germany, August, 1998

The Whitney Sampson Lecturer, American Academy of Ophthalmology and Contact Lens Association of Ophthalmologists, Combined Annual Meeting, New Orleans, LA, November, 1998

Panelist, Ocular Surgery News, Scottsdale, Arizona, February, 1999

Visiting Professor, Albert Einstein School of Medicine, Bronx, New York, April, 1999
American Board of Ophthalmology, Associate Examiner, May, 1999

HONORS cont.

Meibom-2000 Meeting, Organisational/Programme/Steering Committee Member, Boca Raton, Florida, April, 2000
Principal Invited Guest Speaker, 84th Annual Pacific Coast Oto-Ophthalmological Society, Cabo San Lucas, Mexico, June 2000
Honorary Member, Pacific Coast Oto-Ophthalmological Society, 84th Annual Meeting, Cabo San Lucas, Mexico, June 2000
Pan American Association of Ophthalmology, Board of Directors, Delegate from USA, July 2001 - March 2003
Listed in America's Top Doctors, Castle Connolly Medical Ltd., Publishers, 2001-2004
Member of the Order of the Hospital of St. John, Serving Brother 2000-2002, Officer Brother, 2002 – 2009; Commander, 2009-present
TCU Alumni Association Distinguished Alumnus Award, October, 2001
Bajandas Lecturer, XXII Annual Alamo City Ophthalmology Clinical Conference, The University of Texas Health Science Center at San Antonio - March, 2002
Lorand Johnson Lecturer, Case Western Reserve University School of Medicine and The Cleveland Ophthalmological Society, April, 2002. Visiting Professor, Department of Ophthalmology, Case Western Reserve University School of Medicine, April, 2002
Herman K. Goldberg Lecture, Sinai Hospital Symposium, Johns Hopkins Medical Center, Baltimore, MD, July, 2002
Listed in America's Registry of Outstanding Professionals, 2002-2003
The Royal Hawaiian Eye Meeting 2003, Maui, Hawaii, Section Chair, 2003.
Listed in The Metropolitan Executive and Professional Registry, 2003.
Visiting Professor, Invited Primary Speaker, IX Congreso Internacional del Centro Mexicano de Córnea y Cirugía Refractiva, Cancún, Quintana Roo, Mexico, July, 2003.
Listed in 'Best Doctors in Dallas' by *D Magazine*, 2003-2005, 2007-2009
LEO (Lifelong Education for the Ophthalmologist) 2003 Continuing Education Recognition Award, American Academy of Ophthalmology
Physician's Recognition Award in Continuing Medical Education, American Medical Association, October 1, 2003 - October 1, 2006
Invited Speaker in CME Symposium at OSN Hawaii Meeting, January 25-30, 2004
Selected for *Who's Who Among America's Teachers and Educators*, 2004, 11th edition, 2007
Honored Guest Speaker for the VI Annual Congress of Ophthalmology, Lebanese Ophthalmological Society, April 4, 2004
Selected for *Marquis Who's Who in Medicine and Healthcare* 5th Edition, April, 2004, and 2006-2009

HONORS cont.

Named a Texas Super Doctor by *Texas Monthly*, 2004-2009

Co-Organizer and speaker XXV Pan-American Congress of Ophthalmology & XXV Congreso Panamericano de Oftalmología, twinning course on Keratorefractive Surgery with Rosane Silvestre de Castro, Med-Odonto Limeira, Brazil, March 18-21, 2005

Selected for *Marquis Who's Who in America* 60th Diamond Edition July 2005, 61st Edition January 2006, 61st Edition February 2007

Chosen by peers as one of the "Best Doctors in America" 2005-2006

Selected for *Marquis Who's Who in American Education* 7th Edition August 2005, 2007-2008

Selected as one of the best of the Refractive Surgery posters at American Academy of Ophthalmology's 2005 Annual meeting (October 2005)

Featured speaker, Fundacion Oftalmologica Nacional Fundonal XXVII; 1^{er} Simposio EED Internacional, Enfermedades Externas Oculares, Bogota Columbia January 2006

Received the Distinguished Alumni Award Harvard Medical School (formerly Massachusetts Eye and Ear Infirmary) June 15, 2006

Named as the Wainstock Lecturer at the Kresge Eye Institute June 23, 2006

Named CLAO Oliver Dabiezies, MD Lectureship September 15-16, 2006

Selected for *Who's Who in Medicine & Healthcare*, 6th Edition, 2006 – 2007, 2009-2010

Invited speaker, XVII Congreso Internacional de Investigación en Oftalmología, Sesión Clínica: Avances en Investigación Aplicada, "El impacto de la evaporación lagrimal acuosa en ojos secos y normales", Buenos Aires, Argentina, October 29 - November 3, 2006

Invited symposium organizer, XVII International Congress of Eye Research, Buenos Aires, Argentina, November 2006

Invited speaker, American Academy of Ophthalmology 2006 Subspecialty Day, "Refractive Surgery 2006: The Times They A-Changin'", Las Vegas, Nevada, November, 2006

Keynote speaker, American Academy of Ophthalmology 2006, Turkish American Ophthalmic Society, "Pearls for Successful Outcomes with Multi-Focal IOLs", Las Vegas, Nevada, November 2006

Invited speaker, American Academy of Ophthalmology 2006, AAO Cataract Spotlight 2006, "Spotlight on Pseudophakic IOLs 2006: Where Are We Now? Where Are We Going?", Las Vegas, Nevada, November 2006

Invited speaker, American Academy of Ophthalmology 2006, 2006 Joint Meeting of the American Academy of Ophthalmology and the Asia Pacific Academy of Ophthalmology (APAO), "Are Topical Antibiotics Necessary in Blepharitis?", Las Vegas, Nevada, November 2006

Invited Hogan-Ferguson Ethics guest lecturer during the annual XXVII Alamo City Ophthalmology Clinical Conference, San Antonio, Texas, February 2007

HONORS – continued

Coordinator and speaker Pan-American Congress of Ophthalmology & XXVII Cancun, Mexico, May 31-June 3, 2007

Listed in “Guide to America’s Top Ophthalmologists” as one of “America’s Top Ophthalmologists”, 2007

Invited Speaker, XVIII Congreso Argentino de Oftalmologia, Buenos Aires, Argentina, July 2007

Qualified and Listed in the Trusted LASIK Surgeons Directory, a LASIK and refractive surgeons directory service that screens surgeons based on research, experience and premier patient care.

Visiting Professor at Stanford University Medical School, March 4, 2008. (Also see Invited Guest or Feature Lecturer)

Honorary Board of the American Foundation for the Blind Center on Vision Loss, March 2008

ARVO Fellow Class of 2009

ABSTRACTS (Citable)

1. Slatopolsky E., Hoffsten P., McCulley J.P., and Bricker N.S.: On the Demonstration of a Third Factor(s) in the Natriuresis Induced by ECF Volume Expansion in Man. *J Lab Clin Med* 72:1018, 1968.
2. McCulley J.P., Sciallis G.G.: Pathogenesis of Superficial Punctate Keratopathy in Patients with Chronic Blepharitis. *Invest Ophthalmol Vis Sci* 15(ARVO Suppl.): 8, 1976.
3. Maurice D., McCulley J.P., Perlman M.: Donor Endothelium from Tissue Culture. *Invest Ophthalmol Vis Sci* 16(ARVO Suppl.): 103, 1977.
4. McCulley J.P., Blumenkranz M.S.: A New Technique for Color Video Slitlamp Biomicroscopy: *Trans Am Acad Ophthalmol Oto* 83 :(Suppl.) 173, 1977.
5. McCulley J.P., Eliason J.: A Comparison of Interrupted and Continuous Suturing in Keratoplasty. *Invest Ophthalmol Vis Sci* 17(ARVO Suppl.): 1978.
6. Maurice D.M., McCulley J.P.: In Vivo Specular Microscopy of Corneal Epithelium. *Invest Ophthalmol Vis Sci* 17(ARVO Suppl): 141, 1978.
7. Jumblatt M.M., Maurice D.M., McCulley J.P.: Transplantation of tissue-cultured corneal endothelium, *Invest Ophthalmol Vis Sci* 17(12):1135-41, 1978.
8. McCulley J.P., Whiting D.W., Lauber S.E.: Experimental Ocular Hydrofluoric Acid Burns. *Invest Ophthalmol Vis Sci* 18(ARVO Suppl):195, 1979.
9. Maurice D., McCulley J.P., Schwartz B.: Keratoplasty with Cultured Endothelium on Thin Membrane. *Invest Ophthalmol Vis Sci* 18(ARVO Suppl.): 10, 1979.
10. McCulley J.P., Maurice D.F., Schwartz B.D.: Corneal Endothelial Transplantation. *Ophthalmology* 86:103, 1979.
11. McCulley J.P.: Continuous Suture Tightener. *Ophthalmology* 86:133, 1979.
12. McCulley J.P., Eliason J.A.: Wound Strength and Vascularization of Corneal Transplants. *Ophthalmology* 86:133, 1979.
13. McCulley J.P., Pettit M., Lauber S.: Treatment of Experimental Ocular Hydrofluoric Acid Burns. *Invest Ophthalmol Vis Sci* 19 (ARVO Suppl.):228, 1980.
14. Schwartz B.D., McCulley J.P., Maurice D.M.: Morphology of Tissue-Cultured Corneal Endothelium in Rabbit Transplants. *Invest Ophthalmol Vis Sci* 19(ARVO Suppl.):100, 1980.
15. Bellows A.R., McCulley J.P.: Endophthalmitis in Aphakic Patients with Inadvertent Filtering Blebs Wearing Contact Lenses. *Ophthalmology* 87 (Suppl.):67, 1980.
16. McCulley J.P., Maurice D.M.: Transplantation of Tissue Cultured Corneal Endothelium. *Proceedings of the International Society for Eye Research* 1:57, 1980.
17. McCulley J.P., Maurice D.M.: Transplantation of Tissue Cultured Corneal Endothelium onto Autologous Edematous Stroma. *Invest Ophthalmol Vis Sci* 20(ARVO Suppl.): 230, 1981.
18. Dougherty J., McCulley J.P., Chan F., Smith P.: Chronic Blepharitis: New Perspectives. *Invest Ophthalmol Vis Sci* 20(ARVO Suppl.):109, 1981.

ABSTRACTS (Citable) cont.

19. McCulley J.P., Binder P., Kaufman H., O'Day D., Poirier R.: A Double Masked, Multicenter Clinical Trial of Acyclovir, vs. Idoxuridine for Treatment of Epithelial Herpes Simplex Keratitis. *Ophthalmology* 88(Suppl.):41, 1981.
20. McCulley J.P., Dougherty J.: Classification of Chronic Blepharitis. *Ophthalmology* 88(Suppl.):40, 1981.
21. Maurice D.M., McCulley J.P., Schwartz B.D.: Transplantation of Corneal Endothelium. Proceedings of VI Annual Congress of the European Society of Ophthalmology, 1982.
22. Dougherty J., McCulley J.P.: Comparative Bacteriology of Chronic Blepharitis. *Invest Ophthalmol Vis Sci* 22(ARVO Suppl.):1, 1982.
23. McCulley J.P., Niederkorn J.Y., Streilein J.W.: Heterotopic Transplantation of Corneas in Mice. *Invest Ophthalmol Vis Sci* 22(ARVO Suppl.):37, 1982.
24. Whittum J., Niederkorn J.Y., McCulley J.P., Streilein J.W.: HSV-1 Induced Keratouveitis: A Viral Model of Anterior Chamber-Associated Immune Deviation (ACAID). *Invest Ophthalmol Vis Sci* 22(ARVO Suppl.):98, 1982.
25. McCulley J.P.: Ocular Hydrofluoric Acid Burns. *Ophthalmology* 89(Suppl.): 107, 1982.
26. Matoba, A., McCulley, J.P., Streilein J.W.: Minor H Incompatible Cornea Grafts Survive Acute Rejection at Heterotopic Sites in Mice. *Invest Ophthalmol Vis Sci* 24(ARVO Suppl.):99, 1983.
27. McCulley J.P., Dougherty J.: Does the "Triple S" (SSS) Syndrome Exist? *Invest Ophthalmol Vis Sci* 24(ARVO Suppl.):77, 1983. Abstracts B
28. Meyer D.R., Stern M.E., Shine V., Davis T.B., McCulley J.P.: In Vitro Evaluation of Corneal Endothelium after Exposure to Hyaluronate and Chondroitin SO₄. *Invest Ophthalmol Vis Sci* 24(ARVO Suppl.): 175, 1983.
29. Waring G.O., Sperduto R., Moffitt S.D., Bourque L., and the PERK Study Group, including McCulley J.P.: Preoperative Characteristics of the NEI PERK Patients. *Invest Ophthalmol Vis Sci* 24 (Suppl): 126, 1983.
30. Rubsamen P.E., McCulley J.P., Bergstresser P.R., Streilein J.W.: Langerhans Cells, Induced into Corneal Epithelium by an Irritant, Restore Ia Immunogenicity to Corneal Allograft. *Invest Ophthalmol Vis Sci* 24(ARVO Suppl.):99, 1983.
31. Whittum J., Niederkorn J., McCulley J.P., Streilein J.W.: Suppressor T-Cell Induction by Intracameral Presentation of HSV-I. *Invest Ophthalmol Vis Sci* 24(ARVO Suppl.):213, 1983.
32. Whittum J.A., Niederkorn J.Y., McCulley J.P., Streilein J.W.: Systemic Suppression of T-Cell Responses by HSV-I Presented to the Anterior Chamber of the Mouse Eye. Fed. Proceed. 42:965, 1983.
33. McCulley J.P., Moore M.B., Matoba, A.Y.: Mucus Fishing Syndrome. *Ophthalmology* 90(Suppl.):100, 1983.
34. Matoba A.Y., McCulley J.P.: The Effect of Therapeutic Soft Contact Lenses on Antibiotic Delivery to the Cornea. *Ophthalmology* 90(Suppl.): 102, 1983.

ABSTRACTS (Citable) cont.

35. McCulley J.P., Meyer D.R., Stern M.E.: Osmotic and pH Tolerance Limits of Tissue Cultured Rabbit Corneal Endothelium. *Invest Ophthalmol Vis Sci* 25 (ARVO Suppl):238, 1984.
36. Meyer D.R., McCulley J.P., Stern, M.E.: In Vitro Evaluation of Corneal Endothelium after a 1-Hr. Exposure to Hyaluronate (SH) and Chondroitin SO₄ (CS). *Invest Ophthalmol Vis Sci* 25(ARVO Suppl.):265, 1984.
37. Stern M.E., Meyer D.R., McCulley J.P.: Electron Microscopic Evaluation of Cultured Corneal Endothelial Cells After Exposure to Hyaluronate and Chondroitin-SO₄. *Invest Ophthalmol Vis Sci* 25(ARVO Suppl.):265, 1984.
38. Dougherty J.M., McCulley J.P.: Comparative Analyses of the Free Fatty Acid Component of Meibomian Secretions from Normals and Patients with Chronic Blepharitis. *Invest Ophthalmol Vis Sci* 25 (ARVO Suppl.):191, 1984.
39. McCulley J.P., Meyer D.R., Stern, M.E.: Sticky Stuff. *Ophthalmology* 91 (Suppl.): 117, 1984.
40. Moore M.B., McCulley J.P.: Management of Floppy Lid Syndrome. *Ophthalmology* 91 (Suppl) 120, 1984.
41. The PERK Study Group, including McCulley J.P.: Prospective Evaluation of Radial Keratotomy (PERK) study: One-year Postoperative Results. *Ophthalmology* 91(Suppl):89, 1984.
42. McCulley J.P., Stern M.E., Meyer D.R.: In vitro Assessment of the Comparative Toxicity of Visco-Elastic Substances. *Invest Ophthalmol Vis Sci* 26 (ARVO Suppl.):239, 1985.
43. Bourque L.B., Cosand B., Drews C., Applegate T., Leicester H., Cartwright C., Lynn M., Waring G., Gelender H., Laibson P., Lindstrom R., McDonald M., Myers W., Obstbaum S., Rowsey J., Schanzlin D., and The PERK Study Group, including McCulley J.P.: PERK Patients at One Year: Side-Effects and the Diameter of the Clear Zone. *Invest Ophthalmol Vis Sci* 26 (ARVO Suppl.):148, 1985.
44. The PERK Study Group, including McCulley J.P.: Correlation of Uncorrected Visual Acuity and Cycloplegic Refraction after Radial Keratotomy in the PERK study. *Invest Ophthalmol Vis Sci* 26(ARVO Suppl):149, 1985.
45. The PERK Study Group, including McCulley J.P.: Changes in Refraction, Keratometry and Visual Acuity During the First Year after Radial Keratotomy in the PERK Study. *Invest Ophthalmol Vis Sci* 26(ARVO Suppl):202, 1985.
46. The PERK Study Group, including McCulley J.P.: Factors Affecting the Outcome of Radial Keratotomy in the PERK study. *Invest Ophthalmol Vis Sci* 26 (ARVO Suppl):203, 1985.
47. The PERK Study Group, including McCulley J.P.: Results of the Prospective Evaluation of Radial Keratotomy (PERK) Study Two Years after Surgery. *Ophthalmology* 92(Suppl):72, 1985.

ABSTRACTS (Citable) cont.

48. McCulley J.P.: Discussion of: Retention, Removal and Exchange of Intraocular Lenses During Penetrating Keratoplasty. *Ophthalmology* 92(Suppl.):71, 1985.
49. Silvano R.E., Dougherty, J.M., McCulley J.P.: Tetracycline Inhibition of Bacterial Lipase. *Invest Ophthalmol Vis Sci* 27 (ARVO Suppl.):35, 1986.
50. The PERK Study Group, including McCulley J.P.: PERK Patients at Two Years: Lens-Wearing Status, Visual Characteristics and Satisfaction. *Invest Ophthalmol Vis Sci* 27(ARVO Suppl):63, 1986.
51. The PERK Study Group, including McCulley J.P.: Corneal Topography: Refractive Correlations. *Invest Ophthalmol Vis Sci* 27(ARVO Suppl):15, 1986.
52. Ahern M., Dougherty J., McCulley J.P.: Comparative Analysis of the Fatty Wax Ester and Sterol Ester Components of Meibomian Secretions from Normals and Patients with Meibomian Keratoconjunctivitis. *Invest Ophthalmol Vis Sci* 27 (ARVO Suppl.):28, 1986.
53. Wood T.S., Bowman R.W., Reeves T.A., McCulley J.P.: Giant Papillary Conjunctivitis: Treatment with Suprofen, A Topical, Non-steroidal Anti-Inflammatory Agent. *Ophthalmology* 93 (Suppl.):67 and 116, 1986.
54. Moore M.B., McCulley J.P., Bowman R.W. et al: Acanthamoeba Keratitis: A Growing Problem in Soft and Hard Contact Lens Wearers. *Ophthalmology* 93 (Suppl.): 68 and 116, 1986.
55. Heck E.L., McCulley J.P.: HTLV-III Testing and Viral Isolation in Potential Corneal Donors. *Ophthalmology* 93 (Suppl.):95, 1986.
56. Craven E.R., McCulley J.P.: Sterilization of Applanation Tonometer Tips. *Ophthalmology* 93 (Suppl.):112, 1986.
57. Lin N., Meyer D., Bowman R.W., McCulley JP: Transplantation of Tissue Cultured Human Corneal Endothelium onto Rabbit Corneas. *Invest Ophthalmol Vis Sci* 28 (ARVO Suppl.):171, 1987.
58. Meyer D., McCulley J.P.: Comparative Experimental Studies of Viscoat Toxicity and Their Correspondence to Recent Clinical Observations. *Invest Ophthalmol Vis Sci* 27 (ARVO Suppl.):326, 1987.
59. Silvano R.E., Wood T.S., Bowman R.W., McCulley J.P.: The Effect of Preservatives in Contact Lens Solutions on Two Species of Acanthamoeba. *Invest Ophthalmol Vis Sci* 27 (ARVO Suppl.):371, 1987.
60. Moore M.B., McCulley J.P.: Acanthamoeba Keratitis Associated with Contact Lenses: Six Cases of Successful Medical Therapy. *Invest Ophthalmol Vis Sci* 27 (ARVO Suppl.):371, 1987.
61. Lynn M.J., Waring G.O. and the PERK Study Group, including McCulley J.P.: Stability of Refraction after Radial Keratotomy Compared with Unoperated Eyes in the PERK Study. *Invest Ophthalmol Vis Sci* 28 (Suppl): 223, 1987.
62. McCulley J.P., Lin N., Meyer D.: Transplantation of Tissue Cultured Corneal Endothelium. *Yan Ke Xue Bao*, 4(3): 156-60, Sep 1988.

ABSTRACTS (Citable) cont.

63. McCulley J.P., Frazier J., Gad S., Meyer D., Goldberg A.: The Draizes. *Ophthalmology* 94 (Suppl.):125, 1987.
64. Wood T.S., Silvany R.E., Bowman R.W., McCulley J.P.: The Effect of Preservatives on Two Species of Acanthamoeba. *Ophthalmology* 94 (Suppl.):129, 1987.
65. Meyer D.R., McCulley J.P.: Acute and Protracted Damage to the Corneal Epithelium in vitro as an Indication of Biocompatibility of Pharmaceutical Vehicles. *Invest Ophthalmol Vis Sci* 29 (ARVO Suppl.):193, 1988.
66. Lynn M.J., Waring G.O., Arentsen J., Asbell P., Balyeat H., Barron B., Doughman D., Fecko P., Forster R., Smith R. and the PERK Study Group, including McCulley J.P.: Prospective Evaluation of Radial Keratotomy (PERK) Study: Results Four Years after Surgery. *Invest Ophthalmol Vis Sci* 29 (Suppl): 310, 1988.
67. Silvany R.E., Wood T.S., Bowman R.W., Moore M.B., McCulley J.P.: The Effect of Contact Lens Solutions on Two Species of Acanthamoeba. *Invest Ophthalmol Vis Sci* 29 (ARVO Suppl.):253, 1988.
68. Nguyen-Ngo H.L., Caldwell D.R., McCulley J.P., Dietlein J., Eckols E., Verstappen M.S.: Lodoxamide vs. Cromolyn Sodium in Patients With Vernal, Atopic or Giant Papillary Conjunctivitis. *Ophthalmology* 95 (Suppl):159, 1988.
69. Silvany R.E., Moore M.B., McCulley J.P.: The Effect of Less than Four Hour Exposures of Thimerosal, Benzalkonium Chloride, and Chlorhexidine on Acanthamoeba Castellanii and Acanthamoeba Polyphaga. *Invest Ophthalmol Vis Sci* 30 (ARVO Suppl.):41, 1989.
70. Moore M.B., Silvany R.E., McCulley J.P.: In Vitro Sensitivity of Acanthamoeba Castellanii and Acanthamoeba Polyphaga to Propamidine Isethionate and Pentamidine Isethionate. *Invest Ophthalmol Vis Sci* 30 (ARVO Suppl.): 41, 1989.
71. McCulley J.P., Meyer D.R.: A New Quantitative Method for the in vitro Assessment of Experimental and Clinical Sodium Hyaluronate (SH) Preparations. *Invest Ophthalmol Vis Sci* 30 (ARVO Suppl.):341, 1989.
72. Jenevein S.S., Nguyen H.L., Bowman R.W., McCulley J.P.: Fibronectin Eyedrops in Nonhealing Corneal Epithelial Defects. *Ophthalmology* 96 (Suppl):119, 1989.
73. McCulley J.P., Silvany R.E., Dougherty J.M.: Contact Lens Disinfection Solutions: Effects on Acanthamoeba. *Ophthalmology* 96 (Suppl):124, 1989.
74. Whitson J.T., Kennedy R.H., Kooner K.S., McCulley J.P.: Phacoemulsification by Residents in Ophthalmology. *Invest Ophthalmol Vis Sci* 31 (Suppl): 237, 1990.
75. Lynn M.J., Waring G.O., Culbertson W., Laibson P., Lindstrom R., McDonald M., McDonnell P., Myers W., Obstbaum S., Rowsey J., and the PERK Study Group, including McCulley J.P.: Change in Astigmatism after Radial Keratotomy in the Prospective Evaluation of Radial Keratotomy. *Invest Ophthalmol Vis Sci* 31 (Suppl): 300, 1990.

ABSTRACTS (Citable) cont.

76. Osgood J., Dougherty J., McCulley J.P.: Meibum Sterol and Wax Ester Fatty Acids in Chronic Blepharitis. *Invest Ophthalmol Vis Sci* 31 (Suppl): 299, 1990.
77. Waring G.O., Lynn M.J., Cowden J.W., Culbertson W., Laibson P.R., McDonald, M.B., Nelson J.D., Obstbaum S.A., Rowsey J.J., Salz J.J. and the PERK Study Group, including McCulley J.P.: Results of the Prospective Evaluation of Radial Keratotomy (PERK) Study Five Years after Surgery. *Ophthalmology* 97 (Suppl); 127, 1990.
78. Jenevein S.S., Nguyen H.L., Bowman R.W., McCulley J.P., Horowitz, M.: Fibronectin Eyedrops in Nonhealing Corneal Epithelial Defects. *Invest Ophthalmol Vis Sci* 31 (Suppl): 315, 1990.
79. He Y.G., Niederkorn J.Y., McCulley J.P., Meyer D., Silvany R., Stewart G.L.: In Vivo and In Vitro Collagenolytic Activity of *Acanthamoeba Castellanii*. *Invest Ophthalmol Vis Sci* 31 (Suppl): 420, 1990.
80. Nizam A., Carter J., Lynn M., Waring G., Asbell P., Balyeat H., Cohen E., Culbertson W., Doughman D., Fecko P., McDonald M., Smith R., and the PERK Study Group, including McCulley J.P.: Changes in Refractive Error, Keratometric Power and Best Corrected Visual Acuity for Unoperated Myopic Eyes in the Prospective Evaluation of Radial Keratotomy (PERK) Study. *Invest Ophthalmol Vis Sci* 31 (Suppl): 30, 1990.
81. Silvany R.E., Meyer D.R., Dougherty J.M., McCulley J.P.: Efficacy of Propamide and Pentamidine Isethionate against *Acanthamoeba castellanii* and *A. polyphaga* in Vitro and Corresponding Biocompatibility with Corneal Epithelial and Endothelial Cultures. *Invest Ophthalmol Vis Sci* 31 (Suppl): 421, 1990.
82. Meyer D.R., McCulley J.P.: A New Quantitative Method for the in Vitro Evaluation of the Biocompatibility of Laboratory and Commercial Ocular Pharmaceuticals. *Invest Ophthalmol Vis Sci* 31 (Suppl): 468, 1990.
83. Nguyen H.L., Jenevein S.S., McCulley J.P., Abshire R.: Evaluation of the Efficacy and Safety of Ciprofloxacin vs. Tobrex in the Treatment of Blepharitis. *Invest Ophthalmol Vis Sci* 31 (Suppl): 483, 1990.
84. Shine W., McCulley J.P.: Unsaturated Fatty Acids Associated with Chronic Blepharitis. *Invest Ophthalmol Vis Sci* 31 (Suppl): 485, 1990.
85. McCulley J.P., He Y.G., Meyer D.R.: Growth of Cultured Human Corneal Epithelium on Collagen Shields in Vitro. *Invest Ophthalmol Vis Sci* 31 (Suppl): 577, 1990.
86. Bourque L.B., Cartwright C., Krauss G.J., Cosand B., Lynn M.J., Waring G.O., and the PERK Study Group, including McCulley J.P.: The Decision to Have Second Eye Surgery, Reported Lens-Wearing Satisfaction and the Side Effects of PERK Patients Six Years after First Surgery. *Invest Ophthalmol Vis Sci* 31(suppl): 30, 1990.

ABSTRACTS (Citable) cont.

87. Kaminska G.M., Niederkorn J.Y., McCulley J.P.: Intercellular Adhesion Molecule-1 (ICAM-1) Expression in Normal and Inflamed Human Cornea: Induction by Recombinant Interferon Gamma and Interleukin-1. *Invest. Ophthalmol. Vis Sci* 32 (Suppl): 677, 1991.
88. Shine W.E., McCulley J.P.: Unsaturated Fatty Alcohols Associated with Chronic Blepharitis. *Invest Ophthalmol Vis Sci* 32 (Suppl): 732, 1991.
89. Whitson J.T., Anand R., Kennedy R., McCulley J.P.: Visual Outcome and Incidence of Enucleation following Penetrating Ocular Trauma. *Invest Ophthalmol Vis Sci* 32 (Suppl): 885, 1991.
90. McCulley J.P., He Y.G., Shine V.: Distinguishing of Human and Rabbit Corneal Epithelium by Detecting HLA Antigens In Vitro and In Vivo. *Invest Ophthalmol Vis Sci* 32 (Suppl): 1073, 1991.
91. Silvany R.E., Stewart G.L., McCulley J.P., He Y.G., Alizadeh H., Niederkorn J.Y.: Lysis of *Acanthamoeba castellanii* by Rat Neutrophils and Macrophages and the Chemotactic Potential of Parasite Extracts. *Invest Ophthalmol Vis Sci* 32 (Suppl): 1168, 1991.
92. He Y.G., Mellon J., Pidherney M., Alizadeh H., McCulley J.P., Niederkorn J.Y.: A Pig Model of *Acanthamoeba* Keratitis. *Invest Ophthalmol Vis Sci* 32 (Suppl): 1182, 1991.
93. Ruiz-Montenegro J., Swan J.L., McCulley J.P., Teran L., Rocha G.: Corneal Xenotransplant. *Invest Ophthalmol Vis Sci* 32 (Suppl): 1237, 1991.
94. Shine W.E., Silvany R.E., McCulley J.P.: Cholesterol Stimulation of *Staphylococcus aureus* Growth: Relation of Chronic Blepharitis. *Invest Ophthalmol Vis Sci* 33 (Suppl): 780, 1992.
95. McCulley J.P., Silvany R.E., Shine V., He Y.G.: A New Method to Quantitate Epithelial Cell Spreading Activity In Vitro: *Invest Ophthalmol Vis Sci* 33 (Suppl): 1239, 1992.
96. Alizadeh H., Stewart G.L., Silvany R.E., Pidherney M., McCulley J.P., Niederkorn J.Y.: Chemotactic Activity and Adherence of Pathogenic and Nonpathogenic Strains of *Acanthamoeba* to Different Layers of Pig Cornea. *Invest Ophthalmol Vis Sci* 33 (Suppl): 1320, 1992.
97. He Y.G., McCulley J.P.: The Use of Collagen Corneal Shields in Cultured Epithelial Transplantation. *CLAO*, 1992.
98. Silvany R.E., McCulley J.P., Alizadeh H., Mellon J.A., van Klink F., He Y.G., Niederkorn J.Y.: Role of Contaminated Contact Lenses and Trauma in Induction of *Acanthamoeba* Keratitis in Chinese Hamsters. *Invest Ophthalmol Vis Sci* 33 (Suppl): 1320, 1992.
99. Cavanagh H.D., McCulley J.P., Petroll W.M., Anderson W., Conger D., Bowman R.W., Wilson S.E., Jester J.V.: The Clinical and Diagnostic Use of In Vivo Confocal Microscopy in Patients with Corneal Disease. *Ophthalmology* 99 (Suppl): 123, 1992.

ABSTRACTS (Citable) cont.

100. McCulley J.P., He Y.G.: The Application of Tissue Cultured Corneal Epithelium and Endothelium. *Exp. Eye Res* 55 (Suppl): S.128, 1992.
101. Niederkorn J.Y., He Y.G., Stewart G.L., Meyer D.R., McCulley J.P.: Role of Collagenase in the Pathophysiology of Acanthamoeba Keratitis. Southwestern Assn. of Parasitologists.
102. Silvany R.E., Alizadeh H., McCulley J.P., Niederkorn J.Y.: Increased Cytopathic Effect (CPE) of Acanthamoeba on Neuraminidase Treated Pig Corneal Epithelium. *Invest Ophthalmol Vis Sci* 34 (Suppl): 853, 1993.
103. Shine W.E., McCulley J.P.: Meibomian Gland Secretion Sterol Ester Differences Associated with Acanthamoeba Keratitis. *Invest Ophthalmol Vis Sci* 34 (Suppl): 854, 1993.
104. Alizadeh H., He Y.G., Ma D., Via M., Mellon J., Pidherney M., Silvany R., Stewart G.L., McCulley J.P., Niederkorn J.Y.: Induction of Ocular Immunity to Acanthamoeba Keratitis in the Pig. *Invest Ophthalmol Vis Sci* 34 (Suppl): 980, 1993.
105. McCulley J.P., He Y.G.: Formation of Cell-Substrate Adhesive Structure after Cultured Epithelial Cell Transplantation. *Invest Ophthalmol Vis Sci* 34 (Suppl): 1010, 1993.
106. Itani K.M., Hussein Z.M., McCulley J.P.: Complications of Combined Radial Thermokeratoplasty and Radial Keratotomy. Report of Two Cases. *Invest Ophthalmol Vis Sci* 34 (Suppl): 1243, 1993.
107. He Y.G., Silvany R., McCulley J.P.: A New Method to Quantitate Cultured Cell Density In Vitro. *J CLAO*, 1993.
108. Hussein Z.M., McCulley J.P.: Complications of Combined Radial Thermokeratoplasty and Radial Keratotomy. Report of Two Cases. *CLAO Annual Meeting*, p. 62, 1994.
109. Wolf T., McCulley J., Beasley C., Scoper S., Nelson J.: Clinical Efficacy of Bion Tears?, and Aquasite? in Moderate to Severe Dry Eye Patients. *Invest Ophthalmol Vis Sci* 35 (Suppl): 1694, 1994.
110. Shine W.E., McCulley J.P.: The Importance of Human Meibomian Secretion Triglycerides in the Development of Chronic Blepharitis Disease Signs. *Invest Ophthalmol Vis Sci* 35 (Suppl): 1790, 1994.
111. Shine W.E., McCulley J.P.: Human Meibomian Secretion Polar Lipids Associated with Chronic Blepharitis Disease Groups. *Invest Ophthalmol Vis Sci* 36 (Suppl): S156, 1995.
112. Alizadeh H., Taylor W., McCulley J.P., Stewart G.L., Haehling E., van Klink F., Niederkorn J.Y.: Successful Immunization Against Acanthamoeba Keratitis in a Chinese Hamster Model. *Invest Ophthalmol Vis Sci* 36 (Suppl): S326, 1995.
113. Hargrave S.I., McCulley J.P.: Comparative Effect of Fluorometholone Acetate and Fluorometholone Alcohol on IOP. *Invest Ophthalmol Vis Sci* 37 (Suppl): S814, 1996.

ABSTRACTS (Citable) cont.

114. Shine W.E., McCulley J.P.: Meibomian Gland Secretion Polar Lipids Associated with Chronic Blepharitis Disease Groups. *Invest Ophthalmol Vis Sci* 37 (Suppl): S849, 1996.
115. Alizadeh H., Taylor W., Haehling E., Stewart G.L., van Klink F., McCulley J.P., Niederkorn J.Y.: Protective Immunity Against Acanthamoeba Keratitis in a Chinese Hamster Model. *Invest Ophthalmol Vis Sci* 37 (Suppl): S871, 1996.
116. Norbury J.W., Jr., Vogel M., Silvany R.E., McCulley J.P.: Utilization and Yield of the Ocular Microbiology Laboratory in the Diagnosis of Visually Threatening Keratitis. *Invest Ophthalmol Vis Sci* 37 (Suppl): S876, 1996.
117. He, Y.G., Alizadeh H., McCulley J.P., Cavanagh H.D., Huang J., Niederkorn J.Y.: Transplantation of Cultured Human Amniotic Epithelial Cells onto the Ocular Surface: *Invest Ophthalmol Vis Sci* 38 (Suppl): S421, 1997.
118. Shine W.E., McCulley J.P.: Significant Differences in Polar Lipids Associated with Chronic blepharitis. *Invest Ophthalmol Vis Sci* 38 (Suppl): S156, 1997.
119. Hargrave S.I., McCulley J.P., Hussein Z.M.: Therapeutic Outcomes of Acanthamoeba Keratitis. *Ophthalmology* 105 (Suppl): 152, 1997.
120. Abbasoglu O.E., McCulley J.P., Bowman R.W., Cavanagh H.D.: Accuracy of Intraocular Pressure Measurements after Myopic Excimer PRK. *Ophthalmology* 105(Suppl): 162, 1997.
121. Norbury J.W., Jr., McCulley J.P.: Complete Resolution and Visual Rehabilitation of an AIDS Patient with Microsporidial Keratoconjunctivitis. *Ophthalmology* 105 (Suppl): 191, 1997.
122. Maurere J.K., McCulley J.P., Edelhauser H.F., Nussenblatt R.B.: A Proposed New Classification Scheme for Chemical Injury to the Human Eye. *Invest Ophthalmol Vis Sci* 39 (Suppl): S83, 1998.
123. Shine W.E., McCulley J.P.: Ocular Sicca Signs Association with Meibomian Gland Secretion Polar Lipids. *Invest Ophthalmol Vis Sci* 39 (Suppl): S553, 1998
124. McCulley J.P., Shine W.E.: Structural Characteristics of the Tear Film Lipid Layer. *Invest Ophthalmol Vis Sci* 39(Suppl): S538, 1998.
125. McCulley J.P., Abbasoglu O.: Accuracy of IOP Measurement after PRK. Symposium on Cataract, IOL and Refractive Surgery: 91, 1998.
126. McCulley J.P.: Ongoing Experience of a University-based Open Access Keratorefractive Center. Symposium on Cataract, IOL and Refractive Surgery: 97, 1998.
127. McCulley J.P.: Prophylactic Topical Fluoroquinolones: What Are We Really Achieving? Symposium on Cataract, IOL and Refractive Surgery: 109, 1998.
128. Mootha V.V., Gokmen F., McCulley J.P., Petroll W.M., Jester J.V., Cavanagh H.D.: The Use of In Vivo Confocal Microscopy Through-Focusing in Measuring Corneal Flap Thickness after LASIK. *Invest Ophthalmol Vis Sci* 40(Suppl): S402, 1999.

ABSTRACTS (Citable) cont.

129. Yamamoto K., Shine W.E., McCulley J.P., Pandya A.G.: Wax and Sterol Esters in Secretions of Meibomian Glands Are Decreased in Patients with Acne Rosacea-Meibomianitis. *Invest Ophthalmol Vis Sci* 40(Suppl): S540, 1999.
130. Shine W.E., McCulley J.P.: Treatment of Acne Rosacea-Meibomianitis with Minocycline Decreases Nonpolar Lipids (Diglycerides) in Meibomian Secretions. *Invest Ophthalmol Vis Sci* 40(Suppl): S540, 1999.
131. McCulley J.P.: Time-Kill Curves in the Assessment of Preoperative Prophylactic Antibiotic. *Invest Ophthalmol Vis Sci* 40(Suppl): S691, 1999.
132. Ta C.N., McCulley J.P., Shine W.E., Pandya A.G., Silvany R., Trattler W.: Effects of Minocycline on the Ocular Flora of Patients with Acne Rosacea and Seborrhic Blepharitis. *Invest Ophthalmol Vis Sci* 40(Suppl): S691, 1999.
133. Wang X., McCulley J.P., Bowman R.W., Cavanagh H.D.: Results of Myopic Astigmatic LASIK with VISX Star Excimer. *Invest Ophthalmol Vis Sci* 40(Suppl): S894, 1999.
134. Shine W.E., McCulley J.P.: Surface Characteristics of a Model Tear Film Polar Lipid Layer. *Invest Ophthalmol Vis Sci* 41:S66, 2000.
135. McCulley J.P., Wapner F.J., Graves A.L., VanBuskirk A.L., Levofloxacin Active-Controlled Bacterial Conjunctivitis Study Group: Efficacy and Safety of 0.5% Levofloxacin Ophthalmic Solution (LVFX) Compared to 0.3% Ofloxacin Ophthalmic Solution (OFLX) for the Treatment of Bacterial Conjunctivitis. *Invest Ophthalmol Vis Sci* 41:S149, 2000.
136. El Agha M.S., Scheufele T., McCulley J.P., Edwards A.E.: Clinical and Genetic Study of a Family with Fuchs' Corneal Endothelial Dystrophy. *Invest Ophthalmol Vis Sci* 41:S269, 2000.
137. Park J.K., Johnston E.W., Patel D., McCulley J.P.: Effect of Phacoemulsification on Corneal Thickness. *Invest Ophthalmol Vis Sci* 41:S676, 2000.
138. Parver D.L., Hargrave S.L., Jung J.C., Fini M.E, Fisher S., Jester J.V., McCulley J.P., Cavanagh H.D.: Matrix Metalloproteinase Expression after Photorefractive Keratectomy Complicated by Corneal Perforation. *Invest Ophthalmol Vis Sci* 41:S682, 2000.
139. Yi D.H., Bowman R.W., McCulley J.P., Cavanagh H.D.: Comparing Surgically Induced Astigmatism Following Photorefractive Keratectomy. *Invest Ophthalmol Vis Sci* 41:S690, 2000.
140. Johnston E.W., El Agha M.S., Bowman R.W., Cavanagh H.D., McCulley J.P.: PRK Versus LASIK for the Treatment of Spherical Hyperopia Using the VISX Star Excimer Laser. *Invest Ophthalmol Vis Sci* 41:S691, 2000.
141. Mason R., Gokmen F., Cheung D., Hargrave S.L., Bowman R.W., Cavanagh H.D., McCulley J.P.: PTK at the University of Texas Southwestern Medical Center: A Three-year Retrospective Study. *Invest Ophthalmol Vis Sci* 41:S923, 2000.

ABSTRACTS (Citable) cont.

142. Alizadeh H., Niederkorn J.Y., Apte S., Li L., El Agha S., Hurt M., Howard K., Cavanagh H.D., McCulley J.P.: Serum specific antibodies against *Acanthamoeba* in patients with *Acanthamoeba* keratitis. International Symposium on Ocular Inflammation, 2000.
143. Niederkorn J.Y., Alizadeh H., Leher H., Apte S., El Agha S., Ling L., Hurt M., Howard K., Cavanagh H.D., McCulley J.P.: Role of Tear Anti-*Acanthamoeba* IgA in *Acanthamoeba* Keratitis. *Cornea* 19 (Suppl): 110, 2000.
144. McCulley J.P., Shine W.E.: Meibomian Gland and Tear Film Lipids: Structure, Function and Control. *Cornea* 19 (Suppl): 104, 2000.
145. Shine W.E., McCulley J.P.: Lipid Responses to Antibiotics. *Exp. Eye Res.* 71:S189, 2000.
146. Stiegemeier M., Benninger R., Bergenske P., Cedrone R., Key J., Lavaux J., Lebow K., McCulley J.P., Meier G., and Secor G.: Clinical Evaluation of a Multi-Purpose Disinfecting Solution Used Without a Manual Rubbing Step. *Optometry and Vision Science* 77(12S):174, 2000.
147. Shine W.E., Mathers W.D., McCulley J.P.: Blepharitis Patient Meibum Compositional Differences Utilizing SPE and HPLC Separations with Light Scattering Detection (LSD). *Invest Ophthalmol Vis Sci.* 42:S39, 2001.
148. Jani B.R., Johnston E.W., Hertzog L., Mason R., Shen J., Bowman R.W., McCulley J.P.: Effect of Phacoemulsification on Corneal Thickness. *Invest Ophthalmol Vis Sci* 42:S276, 2001.
149. Shen J.F., Whitson J.T., El Agha M.S., Kooner K.S., Hargrave S.L., Bowman R.W., Cavanagh H.D., McCulley J.P.: Glaucoma Tube Shunt Placement in the Setting of Penetrating Keratoplasty: A Retrospective Review. *Invest Ophthalmol Vis Sci* 42:S419, 2001
150. Alizadeh H., Apte S., El-Agha M.S., Li L., Hurt M., Howard K., Cavanagh H.D., McCulley J.P., Niederkorn J.Y.: Tear IgA and Serum IgG Antibodies against *Acanthamoeba* Keratitis. *Invest. Ophthalmol Vis Sci.* 42:S740, 2001.
151. Shine W.E., Mathers W.D., McCulley J.P.: Association of Monoglyceride Nonpolar Lipids with Dry Eye Signs in Blepharitis Patients. *Invest Ophthalmol Vis Sci* 43(Suppl):4, 2002.
152. McCulley J.P.: Assessment of Emerging Topical Antibiotics Using In Vitro Analyses. *Invest Ophthalmol Vis Sci* 43(Suppl):63, 2002.
153. Coulson, C.J., Ritter, R.L. III, El Agha, M.S., McCulley J.P., Edwards, A.O.: Exclusion of the COLBA2 Gene in a Large Dominant Family with Fuchs? Corneal Endothelial Dystrophy. *Invest Ophthalmol Vis Sci* 43(Suppl):68, 2002.
154. Awan M.H., Whitson J.T., McCulley J.P., Bowman R.W., Cavanagh H.D., Song J., Hertzog L.: Effect of Betaxolol on Optic Nerve Head Topography and Retinal Nerve Fiber Layer Thickness During LASIK. *Invest Ophthalmol Vis Sci* 43(Suppl):84,2002.

ABSTRACTS (Citable) cont.

155. Wang X., McCulley J.P., Bowman R.W., Cavanagh H.D.: Contact Lens-Induced Corneal Warpage in Patients Scheduled for Photorefractive Surgery. *Invest Ophthalmol Vis Sci* 43(Suppl):125, 2002.
156. Vargas J.M., Seward M., McCulley J.P., Bowman R.W., Cavanagh H.D.: LADARVision vs VISX S3 in Treating Myopia and Hyperopia. *Invest Ophthalmol Vis Sci* 43(Suppl):166, 2002.
157. Oral D., Vargas J.M., Seward M., Bowman R.W., McCulley J.P., Cavanagh H.D.: Results of LASIK after Radial Keratotomy. *Invest Ophthalmol Vis Sci* 43(Suppl):166, 2002.
158. Liang D., Alvarado T.P., Oral D., Vargas J.M., McCulley J.P.: Western lowland gorilla ophthalmic findings. 2003 Annual Meeting Abstract and Program Planner accessed at www.arvo.org. Association for Research in Vision and Ophthalmology Abstract 656, 2003.
159. Li H., Niederkorn J.Y., Neelam S., McCulley J.P., Alizadeh H. Immunosuppressive effect of culture supernatant from human amniotic epithelial cells. 2003 Annual Meeting Abstract and Program Planner accessed at www.arvo.org. Association for Research in Vision and Ophthalmology Abstract 751, 2003.
160. Rojas M.C., McCulley J.P.: Cipro & Low ECCE/Phaco Endophthalmitis Rate. 2003 Annual Meeting Abstract and Program Planner accessed at www.arvo.org. Association for Research in Vision and Ophthalmology Abstract 1456, 2003.
161. Kim A.S., McCulley J.P., Cavanagh H.D., Jester J.V., Bugde A.C., Kovoor T., Petroll W.M.: Evaluation of the effects of topical ophthalmic fluoroquinolones (FQ) on the Cornea Using In Vivo Confocal Microscopy. 2003 Annual Meeting Abstract and Program Planner accessed at www.arvo.org. Association for Research in Vision and Ophthalmology Abstract 1367, 2003.
162. Oral D., McCulley J.P., Bowman R.W., Cavanagh H.D., El-Agha M.S.H., Seward M.S.: Hyperopic LASIK Results with LadarVision, Visx S2 and Visx S3. 2003 Annual Meeting Abstract and Program Planner accessed at www.arvo.org. Association for Research in Vision and Ophthalmology Abstract 2619, 2003.
163. Vargas J.M., Aronowicz J., Shine W.E., Oral D., McCulley J.P.: Short-Term Treatment of Chronic Blepharitis with Oral Minocycline. 2003 Annual Meeting Abstract and Program Planner accessed at www.arvo.org Association for Research in Vision and Ophthalmology Abstract 2506, 2003.
164. Aronowicz J.D., Shine W.E., McCulley J.P. Tear Measurement in Patients with Keratoconjunctivitis Sicca. 2003 Annual Meeting Abstract and Program Planner accessed at www.arvo.org Association for Research in Vision and Ophthalmology Abstract 4765, 2003.
165. Shine W.E., Aronowicz J., Oral D., Vargas J., McCulley J.P. Characterization of KCS in Patients with Chronic Blepharitis. 2003 Annual Meeting Abstract and Program Planner accessed at www.arvo.org Association for Research in Vision and Ophthalmology Abstract 4767, 2003.

ABSTRACTS (Citable) cont.

166. Lass J., Edwards S., Gal R., Ruedy K., Mannis, M., Holland E., Carmella, and Cornea Donor Study Group including James P. McCulley, M.D., Image Quality and Accuracy of Eye Bank Measurement of Donor Cornea Endothelial Cell Density in the Cornea Donor Study, ARVO Annual Meeting 2003, Poster Presentation, www.arvo.org.

167. McCulley J.P., Awwad S.T., Bowman R.W., Cavanagh H.D., 'Quantitative Visual Outcomes of Initial LADARVision Custom Cornea LASIK Eyes' 2003 ISRS Subspecialty Meeting, American Academy of Ophthalmology.

168. Surratt G.J., Aronowicz J.G., Shine W.E., McCulley J.P.: Change in Aqueous Tear Evaporation with Change in Relative Humidity 2004 Annual Meeting Abstract and Program Planner assessed at www.arvo.org. Association for Research in Vision and Ophthalmology Abstract 92, 2004.

169. McCulley J.P., Surratt G.J., Shine W.E.: 4th Generation Fluoroquinolone Penetration into Aqueous Humor in Humans 2004 Annual Meeting Abstract and Program Planner assessed at www.arvo.org Association for Research in Vision and Ophthalmology Abstract 4927, 2004

170. Verity S., and McCulley J.P., "Refractive" Pseudophakos IOL Platform Requirements 2004 Annual Meeting Abstract and Program Planner assessed at www.arvo.org. Association for Research in Vision and Ophthalmology Abstract 336, 2004

171. Parver D., Lee S.Y., He Y.G., McCulley J.P.: Evaluation of Vitreo- Retinal Procedures Combined with Cataract Extraction with Implantation of the Acrysof Natural Intraocular Lens, 2004 Annual Meeting Abstract and Program Planner assessed at www.arvo.org Association for Research in Vision and Ophthalmology Abstract 331, 2004.

172. Awwad S.T., El-Kateb M., Bowman R.W., Cavanagh H.D., McCulley J.P., LADARVision CustomCornea LASIK For Myopic/Astigmatic Eyes: Quantitative And Qualitative Results, 2004 Annual Meeting Abstract and Program Planner assessed at www.arvo.org. Association for Research in Vision and Ophthalmology Abstract 2820, 2004.

173. El-Kateb M., Awwad S.T., Bowman R.W., Cavanagh H.D., McCulley J.P., VISX WaveScan And LADARWave Aberrometers: A Comparative Higher Order Aberration Capture Study, 2004 Annual Meeting Abstract and Program Planner assessed at www.arvo.org. Association for Research in Vision and Ophthalmology Abstract 2842, 2004.

174. Van Norman R., Awwad S.T., El-Kateb M., Bowman R.W., Cavanagh H.D., McCulley J.P.: Comparing The Wave Captures of The VISX WaveScan And The LADARWave Aberrometers Using Adjusted And Actual Capture Zones 2004 Annual Meeting Abstract and Program Planner assessed at www.arvo.org Association for Research in vision and Ophthalmology Abstract 2843, 2004.

ABSTRACTS (Citable) cont.

175. Aronowicz J.D., Shine W.E., Oral D., Surratt G., Vargas J.M., McCulley J.P.: Effect of oral minocycline treatment on meibomianitis, 2004 Annual Meeting Abstract and Program Planner assessed at www.arvo.org Association for Research in Vision and Ophthalmology Abstract 3911, 2004.
176. Shine W.E., Surratt G., Aronowicz J.D., McCulley J.P.: Composition of Infant Meibomian Gland Lipids. 2004 Annual Meeting Abstract and Program Planner assessed at www.arvo.org Association for Research in Vision and Ophthalmology Abstract 91, 2004.
177. McCulley J.P., Aronowicz J.D., Shine W.E., "Age & sex differences in meibomian gland lipids," *The Ocular Surface*, January 2005, Vol. 3., No. 1/Supplement, S11, S91.
178. Butovich I.A., McCulley J.P., Radmark O., "Lipidomic analysis of the peroxidation products of polyunsaturated fatty acids and their derivatives," *The Ocular Surface*, January 2005, Vol. 3., No. 1/Supplement, S16, S51.
179. Shine W.E., Aronowicz J.D., Butovich I.A., "Proposed effects of phosphatidic acid in meibomian lipids," *The Ocular Surface*, January 2005, Vol. 3., No. 1/Supplement, S16, S112.
180. Aronowicz J.D., Shine W.E., Oral D., Vargas J.M., McCulley J.P., "Effect of oral minocycline treatment on meibomianitis," *The Ocular Surface*, January 2005, Vol. 3., No. 1/Supplement, S17, S44.
181. McCulley J.P., "Evidence Based Analysis of the Performance of Blue Light-Filtering IOL in Various Lighting Conditions for Visual Acuity, Colorvision, Contrast Sensitivity, Contrast Enhancement, and Quality of Life," 2005 Annual Meeting Abstract and Program Planner assessed at www.arvo.org Association for Research in Vision and Ophthalmology Abstract 807, 2005.
182. Parmar¹ P.M., Ladage P.², Awwad S.A.¹, McCulley J.P.¹, Bowman R.W.¹, Cavanagh H.D. "Corneal Epithelial Homeostasis Following Laser in situ Keratomileusis (LASIK)," 2005 Annual Meeting Abstract and Program Planner assessed at www.arvo.org. Association for Research in Vision and Ophthalmology Abstract 901, 2005.
183. Goldberg D.F., Cavanagh H.D., Bowman R.W., Kelley P., Parmar D., Petroll M., Verity S.M., McCulley J.P., "Keratocyte Response Following INTACS®, Intracorneal Lens Inserts, and Flap Creation by Femtosecond Laser Ablation (Intralase®) for LASIK", 2005 Annual Meeting Abstract and Program Planner assessed at www.arvo.org. Association for Research in Vision and Ophthalmology Abstract 2171, 2005.
184. Komaromy K., Awwad S.T., Oral D., Bowman R.W., Cavanagh H.D., McCulley J.P., "A Comparison of Induced Astigmatism in Conventional and Wavefront-Guided Laser in situ Keratomileusis," 2005 Annual Meeting Abstract and Program Planner assessed at www.arvo.org. Association for Research in Vision and Ophthalmology Abstract 4390, 2005.

ABSTRACTS (Citable) cont.

185. Awwad S.T., McCulley J.P., Comparison of Outcomes With and Without Use of an Automatic Centration Feature,” 2005 Annual Meeting Abstract and Program Planner assessed at www.arvo.org. Association for Research in Vision and Ophthalmology Abstract 4395, 2005.
186. Butovich I.A., McCulley J.P., “Peroxidation Products of Polyunsaturated Fatty Acids in the Human Meibum,” 2005 Annual Meeting Abstract and Program Planner assessed at www.arvo.org. Association for Research in Vision and Ophthalmology Abstract 4432, 2005
187. Verity S.M., Aronowicz, J.D., Shine W.E., McCulley J.P., “Importance of Aqueous Tear Evaporation Associated With LASIK,” 2005 Annual Meeting Abstract and Program Planner assessed at www.arvo.org. Association for Research in Vision and Ophthalmology Abstract 4454, 2005.
188. Shine W.E., Aronowicz J.D., Butovich I., McCulley J.P., “Sex Differences in Meibomian Gland Triglycerides,” 2005 Annual Meeting Abstract and Program Planner assessed at www.arvo.org. Association for Research in Vision and Ophthalmology Abstract 4472, 2005.
189. Uchiyama E., Aronowicz J.D., Shine W.E., McCulley J.P., “Relationship Between Vital Staining and Tear Parameters in Patients With KCS,” 2005 Annual Meeting Abstract and Program Planner assessed at www.arvo.org. Association for Research in Vision and Ophthalmology Abstract 4476, 2005.
190. Aronowicz J.D., Shine W.E., McCulley J.P., “Aqueous Humor Concentrations of Fourth Generation Fluoroquinolone in Humans,” 2005 Annual Meeting Abstract and Program Planner assessed at www.arvo.org. Association for Research in Vision and Ophthalmology Abstract 5051, 2005.
191. He Y.-G.^{1A}, Zhao B.^{1B}, Andersson S.^{1C}, McCulley J.P.^{1A}, Johnston J.M., “Expressions of Platelet-Activating Factor Receptors (PAF-R) on Human Retinal Pigment Epithelial Cells,” 2005 Annual Meeting Abstract and Program Planner assessed at www.arvo.org Association for Research in Vision and Ophthalmology Abstract 5363, 2005.
192. Awwad S.T., Bowman R.W., Cavanagh H.D., Verity S.M., McCulley J.P. “Optimizing Corneal Power Calculation After Myopic Keratorefractive Surgery” 2006 Annual Meeting Abstract and Program Planner assessed at www.arvo.org Association for Research in Vision and Ophthalmology Abstract 3616.
193. Knapp S., Awwad S.T., McCulley J.P., “A Comparison of Higher Order Aberration Measurements By The Fourier-driven WaveScan And The Zernicke-driven LADARWave Hartmann-Shack Aberrometers,” 2006 Annual Meeting Abstract and Program Planner assessed at www.arvo.org Association for Research in Vision and Ophthalmology Abstract 537.

ABSTRACTS (Citable) cont.

194. Di Pascuale M.A., Butovich I.A., Aronowicz, J.D., Uchiyama E., Awwad S., Cavanagh H.D., Bowman R.W., McCulley J.P. "Digital Sequential Lipid Tear Film Interferometry Characterization and Corneal Topography Regularity Surface Indices Assessment in Normal Subjects" 2006 Annual Meeting Abstract and Program Planner assessed at www.arvo.org. Association for Research in Vision and Ophthalmology Abstract 1939.
195. Aronowicz J., Uchiyama E., Butovich I.A., McCulley J.P., "Effect of Commercial Artificial Tears on Aqueous Tear Evaporation" 2006 Annual Meeting Abstract and Program Planner assessed at www.arvo.org. Association for Research in Vision and Ophthalmology Abstract 247.
196. Butovich I.A., Di Pascuale M., Uchiyama E., Aronowicz J., McCulley J.P., "Mass Spectrometric Analysis of Polar and Nonpolar Lipid Species Found in Meibomian Gland Secretions" 2006 Annual Meeting Abstract and Program Planner assessed at www.arvo.org. Association for Research in Vision and Ophthalmology Abstract 5605.
197. Uchiyama E., Aronowicz J., Butovich I.A., McCulley J.P., "Increased Evaporative Rates in Low Humidity Conditions Simulating Airplane Travel: A probable cause of dry eye symptoms" 2006 Annual Meeting Abstract and Program Planner assessed at www.arvo.org. Association for Research in Vision and Ophthalmology Abstract 248.
198. Awwad S.T., Kilby A., Bowman R.W., Cavanagh H.D., Verity S., McCulley J.P., "Evaluation of the Accuracy of the Double-K Adjusted IOL Formulas in IOL Calculation After Keratorefractive Surgery" ASCRS 2007, Session:3-M.
199. Wojtowicz J., Butovich I., McCulley J.P., "Historical Brief on Human Meibum Lipids" ARVO 2008, Eyes on Innovation, Program Number: 83, Session: 105.
200. Prasher, P., Muftuoglu, O., Bowman W., Mootha, V., McCulley J.P., "Anterior and Posterior Corneal Higher Order Aberrations After DSAEK." ARVO 2008, Eyes on Innovation, Program Number 209: Physiology & Pharmacology, Session: 1150.
201. Butovich I., McCulley J.P., "Lipidomic Analysis of Normal and Dry Eye Human Meibomian Gland Secretions – Historical Survey and New Developments" ARVO 2008, Eyes on Innovation, Program Number 237: Surface and Physical Properties, Session: 1546.
202. Hsiao M., Prasher P., Hogan N., Bowman W., Mootha V., McCulley J.P., "Histopathology of Descemet's Stripping Endothelial Keratoplasty Graft Failure" ARVO 2008, Eyes on Innovation, Program Number 293: Corneal Transplantation and Lamellar Surgery II, Session: 2323.
203. Wojtowicz J., Butovich I., Di Pascuale M., McCulley J.P., "Tear Volume: Optical Coherence Tomography vs. Fluorophotometry" ARVO 2008, Eyes on Innovation, Program Number 522: Evaluation of Dry Eye and Models for Dry Eye, Session: 5311.
204. Muftuoglu O., Prasher P., Bowman W., Mootha V., Verity S., Cavanagh H.D., McCulley J.P., "Visual and Clinical Outcomes of Wavefront Guided Myopic Lasik with Iris Registration" ARVO 2008, Eyes on Innovation, Program Number 541: Refractive Surgery Outcomes, Session: 5641.

ABSTRACTS (Citable) cont.

205. Prasher, P., Muftuoglu O., Bowman, R.W., McCulley J.P., Mootha V.V., "Corneal Parameters Measured by Pentacam After Descemet Stripping Automated Endothelial Keratoplasty" ARVO 2009 Reducing Disparities in Eye Disease and Treatment, Keratoplasty I, Session 598-A568. and *Invest. Oph. Vis. Sci.* 2009 50:E-Abstract 598
206. Muftuoglu O., Verity S., Bowman W. R., Cavanagh H.D., McCulley J.P., Mootha V., "Novel Applications of Femtosecond Laser for Deep Anterior Lamellar Keratoplasty" ARVO 2009, Reducing Disparities in Eye Disease and Treatment, 207 Keratoplasty II, Session 1240 and *Invest. Oph. Vis. Sci.* 2009 50:E-Abstract 1240.
207. Mohamed, E.M., Wojtowicz, J.C., Bowman, W.R., Cavanagh H.D., Mootha V.V., Verity, S., McCulley J.P. "Corneal Thickness Association with Ocular and Corneal Wavefront Aberrations", ARVO 2009 Reducing Disparities in Eye Disease and Treatment, 226 Clinical Ocular Inflammatory Disease II, Session1566-D811 and *Invest. Oph. Vis. Sci.* 2009 50:E-Abstract 1566.
208. Arciniega J.C., Nadji E.J., Wojtowicz J.C., McCulley J.P., Mohamed E.M., Butovich I.A., "The Effects of Temperature on Stability of Human Meibomian Lipid Films in vitro", 425 The Ins and Outs of the Tear Film and the Ocular Surface, Session 4253-D856 and *Invest. Oph. Vis. Sci.* 2009 50:E-Abstract 4253.
209. Nadji E.J., Arciniega J.C., Wojtowicz J.C., McCulley J.P., Butovich I.A., "Effects of Free Fatty Acids on Meibomian Lipid Layers", 425 The Ins and Outs of the Tear Film and the Ocular Surface, Session 4254-D857 and *Invest. Oph. Vis. Sci.* 2009 50:E-Abstract 4254.
210. McCulley J.P., Wojtowicz J.C., Arciniega J.C. Mohamed E.M., "Meibum Effect on Tear Film Evaporation Over Time", ARVO 2009 Reducing Disparities in Eye Disease and Treatment, 458 Dry Eye and Its Treatment, Session 4635-D879 and *Invest. Oph. Vis. Sci.* 2009 50:E-Abstract 4635.

PEER-REVIEWED MANUSCRIPTS

1. McCulley J.P., Slansky H., Pavan-Langston D., Dohlman C.: Collagenolytic Activity in Experimental Herpes Simplex Virus Keratitis. *Arch. Ophthalmol.* 84:516-519, 1970.
2. Pfister R., McCulley J.P., Friend J., Dohlman C.: Collagenase Activity of Intact Epithelium in Peripheral Alkali Burns. *Arch. Ophthalmol.* 86:308-313, 1971.
3. Pavan-Langston D., McCulley J.P.: Herpes Zoster Dendritic Keratitis. *Arch. Ophthalmol.* 89:25-29, 1973.
4. Sullivan W., McCulley J.P., Dohlman C.: Return of Goblet Cells after Vitamin A Therapy in Xerosis of the Conjunctiva. *Am. J. Ophthalmol.* 75:720-725, 1973.
5. McCulley J.P., Sciallis G.F.: Meibomian Keratoconjunctivitis. *Am. J. Ophthalmol.* 84:788-793, 1977.
6. McCulley J.P., Blumenkranz M., Fishman S.: A New Technique for Color Video Slit Lamp Biomicroscopy. *Ophthalmology* 85:1193-1194, 1978.
7. Ward B., McCulley J., Segal R.: Dermatologic Reaction of Stevens-Johnson Syndrome after Ophthalmic Anesthesia with Proparacaine Hydrochloride. *Am. J. Ophthalmol.* 86:133-135, 1978.
8. Jumblatt, M.M., Maurice D.M., McCulley J.P.: Transplantation of Tissue Cultured Corneal Endothelium. *Invest Ophthalmol Vis Sci* 17:1135-1141, 1978.
9. Beuerman R.W., McCulley J.P., Comparative clinical assessment of corneal sensation with a new aesthesiometer. *Am J Ophthalmol* 1978 Dec;86(6):812-5
10. Aguilar G.L., Blumenkranz M.S., Egbert P.R., McCulley J.P.: Candida Endophthalmitis after Intravenous Drug Abuse. *Arch. Ophthalmol.* 97:96-100, 1979.
11. Maurice D.M., McCulley J.P., Perlman M.M.: Development in Use of Cultured Endothelium in Corneal Transplantation. *Docum. Ophth. Proc. Series* 20:151-153, 1979.
12. Pinnolis M., McCulley J.P., Urman J.D.: Nummular Keratitis Associated with Infectious Mononucleosis. *Am. J. Ophthalmol.* 89:791-794, 1980.
13. McCulley J.P., Maurice D.M., Schwartz B.D.: Corneal Endothelial Transplantation. *Ophthalmology* 87:194-201, 1980.
14. McCulley J.P., Maurice D.M., Schwartz B.D.: Transplantation of Homologous corneal Endothelium Derived from Tissue Culture. In Proceedings "Immunology of the Eye": Workshop I. Eds. Steinberg, G.M., Gery, I. and Nussenblatt RB Sp. Suppl. Immunology Abstracts, pp 233-240, 1980.
15. Maurice D.M., McCulley J.P., Schwartz B.D.: The Use of Cultured Endothelium in Keratoplasty. *Vision Research* 21:173-174, 1981.
16. Schwartz B.D., McCulley J.P.: Morphology of Transplanted Corneal Endothelium Derived from Tissue Culture. *Invest. Ophthalmol. Vis Sci.* 20:467-470, 1981.
17. McCulley J.P., Dougherty J., Deneau D.: Chronic Blepharitis: Classification and Mechanisms. In Proceedings of "Immunology of the Eye; Workshop: III" Eds. Suran, A., Gery, I. and Nussenblatt RB Sp. Suppl. Immunology Abstracts, pp 55-72, 1981.

PEER-REVIEWED MANUSCRIPTS cont.

18. McCulley J.P.: Summary of Discussion: Session I In Proceedings of "Immunology of the eye; Workshop: III" Eds. Suran, A., Gery, I. and Nussenblatt RB Sp. Supp. Immunology Abstracts, 1981, pp 111-113, 1981.
19. Bellows A.R., McCulley J.P.: Endophthalmitis in aphakic patients with inadvertent filtering blebs wearing contact lenses. *Ophthalmology* 88:839-843, 1981.
20. Arey, M.D., McCulley J.P.: Reiter's Keratitis. *Arch. Ophth.* Vol 100:781-784, 1982.
21. Guss R., McCulley J.P.: Abnormal Immune Response in the Ocular Presentation of the Wiskott-Aldrich Syndrome. *Annals Ophthalmol.* 14, 1058-1062, 1982.
22. McCulley J.P., Binder P., Kaufman H., O'Day D., Poirier R.: A Double Masked, Multicenter Clinical Trial of Acyclovir, vs. Idoxuridine for Treatment of Epithelial Herpes Simplex Keratitis. *Ophth.* 89:1195-1200, 1982.
23. McCulley J.P., Dougherty J., Deneau D.G.: Classification of Chronic Blepharitis. *Ophthalmology* 89:1173-1180, 1982.
24. Streilein J.W., McCulley J.P., Niederkorn J.Y.: Heterotopic Corneal Grafting in Mice: A New Approach to the Study of Corneal Alloimmunity. *Invest. Ophthalmol Vis. Sci.* 23:489-500, 1982.
25. McCulley J.P., Whiting D.W., Pettit M.G., Lauber S.E.: Ocular Hydrofluoric Acid Burns. Acta: XXIV International Congress of Ophthalmology 1:1058-1062, 1982.
26. The PERK Study Group, including McCulley J.P.: Prospective Evaluation of Radial Keratotomy (PERK): Clinical Aspects. *Ophthalmic Forum* 1:30-35, 1982.
27. McCulley J.P., Sciallis, G.F.: Meibomian Keratoconjunctivitis: Oculodermal Correlates. *The CLAO Journal* 9:130-132, 1983.
28. McCulley J.P., Whiting D.W., Pettit M.G., Lauber S.E.: Hydrofluoric Acid Burns of the Eye. *J. Occup. Med.* 25:447-450, 1983.
29. Whittum J.A., Niederkorn J.Y., McCulley J.P., Streilein J.W.: Intracameral Inoculation of Herpes Simplex Virus, Type I Induces Anterior Chamber-Associated Immune Deviation. *Current Eye Research.* 2:691-697, 1983.
30. The PERK Study Group, including McCulley J.P.: Design Features of the Prospective Evaluation of Radial Keratotomy (PERK) Study, in Binder, P.S. (Ed): Refractive Corneal Surgery: The correction of aphakia, hyperopia, and myopia. *Int. Ophthalmol. Clin.* 23:145-165, 1983.
31. Waring G.O., Moffitt S.D., Gelender H., Laibson P.R., Lindstrom R.L., Myers W.D., Obstbaum S.A., Rowsey J.J., Safir A., Schanzlin D.J., Bourque L.B. and the PERK Study Group, including McCulley J.P.: Rationale for and Design of the National Eye Institute Prospective Evaluation of Radial Keratotomy. *Ophthalmology* 90:40-58, 1983.
32. McCulley J.P.: Blepharoconjunctivitis. *Internat'l Ophthalmol. Clin.* 24:65-77, 1984.
33. Matoba A., Plager S.D., Barber J., McCulley J.P.: Keratitis in Relapsing Polychondritis. *Annals of Ophthalmol* 16:367-370, 1984.

PEER-REVIEWED MANUSCRIPTS cont.

34. Dougherty J.M., McCulley J.P.: Comparative Bacteriology of Chronic Blepharitis. *Brit Jour Ophthalmol* 68:524-528, 1984.
35. Rubsamen P.E., McCulley J.P., Bergstresser P.A., Streilein J.W.: On The Ia Immunogenicity of Mouse Corneal Allografts Infiltrated with Langerhans Cells. *Invest Ophthalmol Vis Sci* 25:513-518, 1984.
36. Whittum J.A., Niederkorn J.Y., McCulley J.P., Streilein J.W.: Role of Suppressor T Cells in Herpes Simplex-Induced Immune Deviation. *Jour. of Virology* 51:556-558, 1984.
37. Whittum J.A., McCulley J.P., Niederkorn J.Y. and Streilein J.W.: Ocular Disease Induced in Mice by Anterior Chamber Inoculation of Herpes Simplex Virus. *Invest Ophthalmol Vis Sci* 25:1065-1073, 1984.
38. Matoba A.Y., Moore M.B., McCulley J.P.: Donor to Host Transmission of Streptococcal Infection by Corneas Stored in McCarey-Kaufman Media. *Cornea* 3:105-108, 1984.
39. The PERK Study Group, including McCulley J.P.: Psychosocial Characteristics of Candidates for the Prospective Evaluation of Radial Keratotomy (PERK) Study. *Arch. Ophthalmol.* 102:1187-1192, 1984.
40. Dougherty J.M., McCulley J.P.: Tear Lysozyme Measurements in Chronic Blepharitis. *Annals Ophthalmol.* 17:53-57, 1985.
41. Waring G.O., Lynn M.J., Gelender H., Laibson P.R., Lindstrom R.L., Myers W.D. Obstbaum S.A., Rowsey J.J., McDonald M.B., Schanzlin D.J., Sperduto R.D., Bourque L.B. and The PERK Study Group, including McCulley J.P.: Results of the Prospective Evaluation of Radial Keratotomy (PERK) Study One Year After Surgery. *Ophthalmology* 92:177-198 and Page 307, 1985.
42. Matoba A.Y., McCulley J.P.: The Effect of Therapeutic Soft Contact Lenses on Antibiotic Delivery to the Cornea. *Ophthalmology* 92:97-99, 1985.
43. McCulley J.P., Dougherty J.M.: Blepharitis Associated with Acne Rosacea and Seborrheic Dermatitis. *Internat'l Ophthalmol. Clinics* 25:159-172, 1985.
44. McCulley J.P., Moore M.B., Matoba, A.Y.: Mucus Fishing Syndrome. *Ophthalmology* 92:1262-1265, 1985.
45. Moore M.B., McCulley J.P., Luckenbach M., Gelender H., Newton, C., McDonald M.B., Visvesvara G.S.: Acanthamoeba Keratitis Associated With Soft Contact Lenses. *Am. J. Ophthalmol.* 100(3):396-403, Sep 15 1985.
46. Drotman R.B., McCulley J.P., Stephens T.J., Matoba, A., Guns, R.F.: Assessing the Irritation Potential of Eye Area Products In The Human Eye. *J. Toxicol. Cutan. and Ocular Toxicol.* 4 (1):3-11, 1985.
47. The PERK Study Group, including McCulley J.P.: PERK Patients at One Year: Lens-wearing Status and Satisfaction. *American Public Health Assoc.*, 27: (Suppl)21, 1985.
48. The PERK Study Group, including McCulley J.P.: PERK patients at One Year: Psychological Characteristics. *American Public Health Assoc.* 17(Suppl)21, 1985.

PEER-REVIEWED MANUSCRIPTS cont.

49. The PERK Study Group, including McCulley J.P.: Relationship of Glare to Refraction and Uncorrected Visual Acuity in the Radial Keratotomy (PERK) Study. *American Public Health Assoc.*, 17(Suppl)21 1985.
50. Waring G.O., Bourque L., Cartwright C., Hays J., Lynn M., Naidoff M., Mandelbaum S., Nelson D., Obstbaum S., Ochsner R., Steel D., Stephenson R., The PERK Study Group, including McCulley J.P.: Summary of Initial Results of the Prospective Evaluation of Radial Keratotomy (PERK) Study. *Ophthalmic Forum* 3:177-182, 1985.
51. Bourque L.B., Cousand B.B., Drews C., Waring G.O., Lynn M., Cartwright C., The PERK Study Group, including McCulley J.P.: Reported Satisfaction, Fluctuation of Vision and Glare among Patients One Year after Surgery in the Prospective Evaluation of Radial Keratotomy (PERK) study. *Arch. Ophthalmol.* 104:356-363, 1986
52. Dougherty, J.M., McCulley J.P.: Analysis of Free Fatty Acid Component of Meibomian Secretions In Chronic Blepharitis. *Invest. Ophth. & Vis. Sci.* 27:52-56, 1986.
53. Dougherty, J.M., McCulley J.P.: Bacterial Lipases and Chronic Blepharitis. *Invest Ophthalmol Vis Sci* 27:486-491, 1986.
54. Moore M.B., Harrington J., McCulley J.P.: Floppy Eye Lid Syndrome: Management Including Surgery. *Ophthalmology* 93:184-188, 1986.
55. McCulley J.P., Dougherty J.M.: Bacterial Aspects of Chronic Blepharitis. *Trans. Ophthalmol. Soc. of U.K.* 105:314-318, 1986.
56. Moore M.B., McCulley J.P., Kaufman H.E., Robin J.B.: Radial Keratoneuritis as a Presenting Sign in Acanthamoeba Keratitis. *Ophthalmology* 93:1310-1315, 1986.
57. Salahuddin S.Z., Palestine A.G., Heck E., Ablashi D., Luckenbach M., McCulley J.P., Nussenblatt R.B.: Isolation of the Human T-Cell Leukemia/Lymphotropic Virus, Type III from the Cornea. *Am. J. Ophthalmol.* 101:149-152, 1986.
58. Waring G.O., Bourque L., Cartwright C., Hays J., Lynn C., Maidoff M., Mandelbaum S., Nelson D., Obstbaum S., Ochsner R., Steel D., Stephenson R., The PERK Study Group, including McCulley J.P.: Summary of short-term results of the PERK study. *Pakistan Ophthalmol.* 2:50-56, 1986.
59. The PERK Study Group, including McCulley J.P.: Comparison of Ultrasonic Corneal Thickness Measurements Before and During Surgery in the Prospective Evaluation of Radial Keratotomy (PERK) Study. *Ophthalmology* 93:327-330, 1986.
60. Bowman R.W., Dougherty J.M., McCulley J.P.: Chronic Blepharitis and Dry Eyes. *Internat'l. Ophthalmol. Clinic.* Ed. Smolin, G. and Friedlander, M.H. 27:27-35, 1987.
61. Craven E.R., Butler S.L., McCulley J.P., Luby J.P.: Applanation Tonometer Tip Sterilization for Adeno Virus Type 8. *Ophthalmology* 94:1538-1540, 1987.
62. Moore M.B., McCulley J.P., Newton C., Cobo L.M., Foulks G.N., O'Day D.M., Johns K.J., Driebe W.T., Wilson L.A., Epstein R.J., Doughman D.J.: Acanthamoeba Keratitis: A Growing Problem in Soft and Hard Contact Lens Wearers. *Ophthalmology* 94:1654-1661, 1987.

PEER-REVIEWED MANUSCRIPTS cont.

63. Santos V.R., Waring G.O., Lynn M.J., Holladay J.T., Sperduto R.D., and the PERK Study Group, including McCulley J.P.: Relationship between Refractive Error and Visual Acuity in the Prospective Evaluation of Radial Keratotomy (PERK) Study. *Arch. Ophthalmol.* 105:86-92, 1987.
64. Moore M.B., McCulley J.P. Letter to the editor: Treatment of Acanthamoeba keratitis. *Amer. J. Ophthalmol.* 104:310-311, 1987.
65. Waring G.O., Lynn M.J., Culbertson W., Laibson P.R., Lindstrom R.D., McDonald M.B., Myers W.D., Obstbaum S.A., Rowsey J.J., Schanzlin D.J., and the PERK Study Group, including McCulley J.P.: Three-year results of the Prospective Evaluation of Radial Keratotomy (PERK) Study. *Ophthalmology* 94:1339-1354, 1987.
66. Cowden J.W., Lynn M.J., Waring G.O., and the PERK Study Group, including McCulley J.P.: Repeated radial keratotomy in the Prospective Evaluation of Radial Keratotomy (PERK) Study. *Am. J. Ophthalmol.* 103:423-431, 1987.
67. Lynn M.J., Waring G.O., Sperduto R.D., and the PERK Study Group, including McCulley J.P.: Factors affecting outcome and predictability of radial keratotomy in the PERK study. *Arch. Ophthalmol.* 105:42-51, 1987.
68. Mattax J.B., McCulley J.P.: Corneal Surgery following Alkali Burns. *International Ophthalmology Clinics* 28:76-82, 1988.
69. Wood T.S., Stewart R.H., Bowman R.W., McCulley J.P., Reaves T.A.: Suprofen Treatment of Contact Lens Associated Giant Papillary Conjunctivitis. *Ophthalmology* 95:822-826, 1988.
70. Halsted M., McCulley J.P.: Postoperative Endophthalmitis. Allergan in house documents research and development dept. Ref. No. 88700, 1988.
71. Lin H., Meyer D.R., McCulley J.P.: Preliminary Experiment in Human Corneal Endothelial Transplantation. *Eye Science (PRC)* 4:156-160, 1988.
72. Cartwright C., Lynn M., Waring G.O., Steinberg E., Bourque L., Poloson D., Williams, P., Whiteside J., Garbus J., Cantillo N., Duggan V., Justin N., Edwards M., and the PERK Study Group, including McCulley J.P.: Relationship of glare to uncorrected visual acuity and cycloplegic refraction one year after radial keratotomy in the Prospective Evaluation of Radial Keratotomy (PERK) Study. *J. Am. Optometric Assoc.* 59:36-39, 1988.
73. Rowsey J.J., Balyeat H.D., Monlux R., Holladay J., Waring G.O., Lynn M.J., and the PERK Study Group, including McCulley J.P.: Prospective Evaluation of Radial Keratotomy: Photokeratoscope Corneal Topography. *Ophthalmology* 95:322-334, 1988.
74. Heck E., Petty C., Palestine A., Luckenbach M., Salahuddin S.Z., Nussenblatt R., Harris W., Baxter C., McCulley J.P.: ELISA HTLV-III Testing and Viral Culture in the Screening of Corneal Tissue for Transplant from Medical Examiner Cases. *Cornea* 8:77-80, 1989.
75. Moore M.B., McCulley J.P.: Acanthamoeba Keratitis Associated with Contact Lenses: Six Consecutive Cases of Successful Management. *Brit. J. Ophthalmol.* 73:271, 1989.

PEER-REVIEWED MANUSCRIPTS cont.

76. Lynn M.J., Waring G.O., Nizam A., Kutner M.H., Culbertson W., McDonald M.B., Meyers W.D., Naidoff M.A., Nelson J.D., Obstbaum S.A., Rowsey J.J., Salz J.J., and the PERK Study Group, including McCulley J.P.: Symmetry of refractive and visual acuity outcome in the Prospective Evaluation of Radial Keratotomy (PERK) Study. *Refract. Corneal Surg.* 5:75-81, 1989.
77. Rowsey J.J., Monlux R., Balyeat H.D., Stevens S.X., Gelender H., Holladay J., Krachmer J.H., Laibson P., Lindstrom R.L., Lynn M.J., Mandelbaum S., McDonald M.B., Myers W.D., Obstbaum S., Schanzlin D.J., Sperduto R.D., Waring G.O., and the PERK Study Group, including McCulley J.P.: Accuracy and reproducibility of KeraScanner analysis in PERK corneal topography. *Curr. Eye Res.* 8:661-674, 1989.
78. McCulley J.P.: Circulation of Fluid at the Limbus (Flow and Diffusion at the Limbus). *Eye* 3:114-120, 1989.
79. Mattax J.B., McCulley J.P.: The Effect of Standardized Keratoplasty Technique on IOL Power Calculation for the Triple Procedure. *Acta Ophthalmologica* (Festschrift in Honor of Claus Dohlman) Vol. 67 (Suppl. 192), 24-29, 1989.
80. Osgood J.K., Dougherty J.M., McCulley J.P.: The Role of Wax and Sterol in Meibomian Keratoconjunctivitis. *Invest Ophthalmol Vis Sci* 30:1958-1961, 1989.
81. Eliason J.E., McCulley J.P.: A Comparison Between Interrupted and Continuous Suturing Techniques in Keratoplasty. *Cornea* 9:10-16, 1990.
82. Silvany R.E., Dougherty J.M., McCulley J.P., Wood T.S., Bowman R.W., Moore M.B.: The Effect of Currently Available Contact Lens Disinfection Systems on a *Acanthamoeba castellanii* and *Acanthamoeba polyphaga*. *Ophthalmology* 97:286-290, 1990.
83. Stephens T.J., McCulley J.P., Tharpe M., Maibach H.I., Patrick E., Silber P.M., Drake K., Floyd A.: Localized Eye Area Sensitivity Syndrome. *J. Toxicol.--Cut. & Ocular Toxicol.* 8(4), 569-570, 1989/1990.
84. Waring G.O., Lynn M.J., Fielding B., Asbell P.A., Balyeat H.D., Cohen E.A., Culbertson W., Doughman D.J., Fecko P., McDonald M.B., Smith R.E., Wilson L.B. and PERK Study Group including McCulley J.P.: Results of the Prospective Evaluation of Radial Keratotomy (PERK) Study Four Years after Surgery for Myopia. *J. Am Med Assoc* 263:1083-1091, 1990.
85. He Y.G., Niederkorn J.Y., McCulley J.P., Stewart G.L., Meyer D.R., Silvany R.E., Dougherty J.: In Vivo and In Vitro Collagenolytic Activity of *Acanthamoeba castellanii*. *Invest Ophthalmol Vis Sci* 31:2235-2240, 1990.
86. McCulley J.P.: Ocular Hydrofluoric Acid Burns. *Trans. Am. Ophthalmol. Soc.*, p. 649-684, 1990.
87. Silvany R.E., Dougherty J.M., McCulley J.P.: The Effect of Contact Lens Preservatives on *Acanthamoeba*. *Ophthalmology* 98:854-857, 1991.

PEER-REVIEWED MANUSCRIPTS cont.

88. Ubelaker J.E., Moore M.B., Martin J., Silvany R.E., Dougherty J., Meyer D.R., McCulley J.P.: In vitro Intercellular Adherence of *Acanthamoeba castellanii* to Human Corneal Epithelium: A Scanning and Transmission Electron Microscopy Study. *Cornea* 10:299-304, 1991.
89. Moore M.B., Ubelaker J., Martin J., Silvany R.E., Dougherty J., Meyer D.R., McCulley J.P.: In vitro Penetration of Human Corneal Epithelium by *Acanthamoeba castellanii*. A Scanning and Transmission Electron Microscopy Study. *Cornea* 10:291-298, 1991.
90. Shine W.E., McCulley J.P.: The Role of Cholesterol in Chronic Blepharitis. *Invest Ophthalmol Vis Sci* 32:2272-2280, 1991.
91. McCulley J.P.: Clinical Perspectives of *Acanthamoeba* Keratitis. *Ophthalmology (Japan)* 33:727-736, 1991.
92. Meyer D.R., McCulley J.P.: Differential Effect of Chelation on the pH Tolerance of Corneal Epithelium in Tissue Culture. *Ophthalmic Research* 23:204-212, 1991.
93. Waring G.O., Lynn M.J., Nizam A., Kutner M.H., Cowden J.W., Culbertson W., Laibson P.R., McDonald M.B., Obstbaum S.A., Rowsey J.J., Salz J.J., Bourque L.B., the PERK Study Group, including McCulley J.P.: Results of the Prospective Evaluation of Radial Keratotomy (PERK) Study Five Years after Surgery. *Ophthalmology* 98:1164-1176, 1991.
94. Meyer D.R., McCulley J.P.: PH Tolerance of Rabbit Corneal Epithelium in Tissue Culture. *J. Toxicol., Cut. & Ocular Toxicol.* 10:43-57, 1991.
95. Meyer D.R., McCulley J.P.: Osmotic Tolerance of Rabbit Corneal Epithelium in Tissue Culture. *J. Toxicol., Cut. & Ocular Toxicol.* 10:59-77, 1991.
96. He, Y.G., McCulley J.P.: Growing Human Corneal Epithelium on Collagen Corneal Shield and Subsequent Transfer to Denuded Cornea In Vitro. *Current Eye Research* 10:851-863, 1991.
97. Boozalis G.T., Purdue G.F., Hunt J.L., McCulley J.P.: Ocular Changes from Electrical Burn Injuries - A Literature Review and Report of Cases. *J. Burn Care Rehabil.* 12:458-462, 1991.
98. Moore M.B., Ubelaker J., Silvany R.E., McCulley J.P.: Scanning Electron Microscopy of *Acanthamoeba castellanii*: Adherence to New and Used Contact Lens Surfaces and to Human Corneal Button Epithelium. *Reviews of Infectious Diseases* 13:S423-S424, 1991.
99. Dougherty, J.M., McCulley J.P., Meyer D.R., Silvany R.E.: The Role of Tetracycline in Chronic Blepharitis: Inhibition of Lipase Production in Staphylococci. *Invest Ophthalmol Vis Sci* 32: 2970-2975, 1991.
100. McCulley J.P., He Y.G., Meyer D.R., Moore M.B., Li J.J.: In Vitro Transfer of Rabbit Corneal Epithelium from Carriers to Denuded Corneas or Cryolathed Lenticules. *Cornea* 10:466-477, 1991.

PEER-REVIEWED MANUSCRIPTS cont.

101. Rowsey J.J., Waring G.O., Monlux R.D., Balyeat H.D., Stevens S., Culbertson W., Barron B., Nelson D., Asbell P.A., Smith R., Arentsen J., Cowden J., and the PERK Study Group, including McCulley J.P.: Corneal topography as a predictor of refractive change in the Prospective Evaluation of Radial Keratotomy (PERK) study. *Ophthalmic Surgery* 22:370-380, 1991.
102. Waring G.O., Lynn M.J., Strahlman E.R., Kutner M.H., Culbertson W., Laibson P.R., Lindstrom R.D., McDonald M.B., Meyers W.D., Obstbaum S.A., Rowsey J.J., Smith R.E., and the PERK Study Group, including McCulley J.P.: Stability of refraction during four years after radial keratotomy in the Prospective Evaluation of Radial Keratotomy Study. *Am. J. Ophthalmol.* 111:133-144, 1991.
103. Dougherty J.M., Osgood J.K., McCulley J.P.: The Role of Wax and Sterol Esters in Chronic Blepharitis. *Invest. Ophthalmol Vis. Sci.* 32:1932-1937, 1991.
104. Niederkorn J.Y., Ubelaker J.E., McCulley J.P., Stewart G.L., Meyer D.R., Mellon J.A., Silvany R.E., He Y.G., Pidherney M., Martin J.H., Alizadeh A.: Susceptibility of Corneas from Various Animal Species to In Vitro Invasion by *Acanthamoeba Castellanii*. *Invest Ophthalmol Vis Sci* 33:104-112, 1992.
105. Brown D.D., McCulley J.P., Bowman R.W., Halsted M.A.: The Use of Conjunctival Flaps in the Treatment of Herpes Keratouveitis. *Cornea* 11:44-46, 1992.
106. He Y.G., McCulley J.P., Alizadeh H., Pidherney M., Mellon J., Ubelaker J.E., Stewart G.L., Silvany R.E., Niederkorn J.Y.: A Pig Model of *Acanthamoeba* Keratitis: Transmission via Contaminated Contact Lenses: *Invest Ophthalmol Vis Sci* 33:126-133, 1992.
107. Meyer D.R., McCulley J.P.: Osmotic Tolerance of Rabbit Corneal Endothelium in Tissue Culture. *J. Toxicol. - Cut. & Ocular Toxicol.* 11(1):31-46, 1992.
108. Meyer D.R., McCulley J.P.: PH Tolerance of Rabbit Corneal Endothelium in Tissue Culture. *J. Toxicol. - Cut. and Ocular Toxicol.* 11(1):15-30, 1992.
109. Nelson J.D., Gordon J.F., and The Chiron KCS-Study Group, including McCulley J.P.: Topical Fibronectin in the Treatment of Keratoconjunctivitis Sicca. *Am. J. Ophthalmol.* 114:441-447, 1992.
110. Stewart G.L., Kim I., Shupe K., Alizadeh H., Silvany R., McCulley J.P., Niederkorn J.Y.: Chemotactic Response of Macrophages to *Acanthamoeba castellanii* Antigen and Antibody-Dependent Macrophage-mediated Killing of the Parasite. *J. Parasitol.* 78:849-855, 1992.
111. van Klink F., Alizadeh H., Stewart G.L., Pidherney M.S., Silvany R.E., He Y.G., McCulley J.P., Niederkorn J.Y.: Characterization and Pathogenic Potential of a Soil Isolate and an Ocular Isolate of *Acanthamoeba castellanii* in Relation to *Acanthamoeba* Keratitis. *Current Eye Research* 11:1207-1220, 1992.
112. McCulley J.P., Dave A.S. Continuous circular capsulorhexis. *Cornea.* 1992 Nov;11(6):604. No abstract available.

PEER-REVIEWED MANUSCRIPTS cont.

113. van Klink F., Alizadeh H., He Y.G., Mellon J.A., Silvany R.E., McCulley J.P., Niederkorn J.Y.: The Role of Contact Lenses, Trauma, and Langerhans Cells in a Chinese Hamster Model of Acanthamoeba Keratitis. *Invest Ophthalmol Vis Sci* 34:1937-1944, 1993.
114. Wilhelmus K.R., et al, and the Cipro Study Group, including McCulley J.P.: 0.3% Ciprofloxacin Ophthalmic Ointment in the Treatment of Bacterial Keratitis. *Arch. Ophthalmol* 111:1210-1218, 1993.
115. Cavanagh H.D., Petroll W.M., Alizadeh H., He Y-G, McCulley J.P., Jester J.V.: Clinical and Diagnostic Use of In Vivo Confocal Microscopy in Patients with Corneal Disease. *Ophthalmology* 100:1444-1454, 1993.
116. Shine W.E., Silvany R.E., McCulley J.P.: Relation of Cholesterol Stimulated Staphylococcus aureus Growth to Chronic Blepharitis. *Invest Ophthalmol Vis Sci* 34:2291-2296, 1993.
117. McCulley J.P., Horowitz B., Hussein Z.M., Horowitz M., and the Fibronectin Study Group: Topical Fibronectin Therapy of Persistent Corneal Epithelial Defects. *Trans. Am. Ophthalmol. Soc.*, p. 367-390, 1993.
118. Shine W.E., McCulley J.P.: The Role of Wax Ester Fatty Alcohols in Chronic Blepharitis. *Invest Ophthalmol Vis Sci* 34:3515-3521, 1993.
119. Pidherney M.S., Alizadeh H., Stewart G.L., McCulley J.P., Niederkorn J.Y.: In Vitro and In Vivo Tumoricidal Activity of Acanthamoeba castellanii. *Cancer Immunology Immunotherapy Other Biological Response Modifiers. Cancer Letters* 72:91-98, 1993.
120. Wilhelmus K.R., Hyndiuk R.A., Caldwell D.R., Abshire R.L., Folkens A.T., Godio L.B., for the Ciprofloxacin Ointment/Bacterial Keratitis Study Group (including McCulley JP): Ciprofloxacin Ophthalmic Ointment in the Treatment of Bacterial Keratitis. *Arch. Ophthalmol.* 111:1210-1218, 1993.
121. Alizadeh H., Pidherney M.S., McCulley J.P., and Niederkorn J.Y.: Apoptosis as a Mechanism of Cytolysis of Tumor Cells by a Pathogenic/Free Living Amoebae. *Infection and Immunity* 62:1298-1303, 1994.
122. Dave A.J., McCulley J.P.: Demonstration of Feasibility of Application of a Portable Keratometer to Cadaveric Donor Corneas. *Cornea* 13:379-382, 1994.
123. Stewart G.L., Shupe K., Kim I., Silvany R., Alizadeh H., McCulley J.P., Niederkorn J.Y.: Antibody-dependent Neutrophil-mediated Killing of Acanthamoeba castellanii. *International Journal for Parasitology* 24:739-742, 1994.
124. Waring G.O., Lynn M.J., McDonnell P.J., and the PERK Study Group, including McCulley J.P.: Results of the Prospective Evaluation of Radial Keratotomy (PERK) Study 10 Years After Surgery. *Arch. Ophthalmol.* 112:1298-1308, 1994.
125. Santos C.I., Huang A.J., Foster C.S., Friedlander M., McCulley J.P.: Efficacy of Lodoxamide 0.1% Ophthalmic Solution in Resolving Corneal Epitheliopathy Associated with Vernal Keratoconjunctivitis. *Am. J. Ophthalmol.* 117:488-497, 1994.
126. McCulley J.P., Alizadeh H., Niederkorn J.Y.: Acanthamoeba Keratitis. *J CLAO* 21:73-76, 1995.

PEER-REVIEWED MANUSCRIPTS cont.

127. Alizadeh H., He Y.G., McCulley J.P., Ma D., Stewart G.L., Via M., Haehling E., Niederkorn J.Y.: Successful Immunization Against Acanthamoeba Keratitis in a Pig Model. *Cornea* 14:180-186, 1995.
128. O'Brien T.P. and the Bacterial Keratitis Study Research Group including McCulley J.P.: Efficacy of Ofloxacin vs Cefazolin and Tobramycin in the Therapy for Bacterial Keratitis - Report from the Bacterial Keratitis Study Group. *Archives of Ophthalmology* 113:1257-1265, 1995.
129. Aitken P., Craven R., Heese R., Lehmann R., McCulley J.P., et al: The Efficacy of Apraclonidine as an Adjunct to Timolol Therapy. *Archives of Ophthalmology* 113:287, 1995.
130. Robin A.L., Ritch R., et al, including McCulley J.P.: Short-Term Efficacy of Apraclonidine Hydrochloride Added to Maximum-Tolerated Medical Therapy for Glaucoma. *American Journal of Ophthalmology* 120:423-432, 1995.
131. Stewart W.C., Ritch R., Shin D.H., Lehmann R.P., Schrader C.E., van Buskirk E.M., and The Apraclonidine Adjunctive Therapy Study Group including McCulley J.P.: Apraclonidine 0.5% or 1.0% Added to Timolol in Chronic Open-Angle Glaucoma Patients. *Arch. Ophthalmol.* 113:287-292, 1995.
132. Cavanagh H.D., McCulley J.P.: In Vivo Confocal Microscopy and Acanthamoeba Keratitis. (Editorial). *Am JI of Ophthalmology* 121:207-208, 1996.
133. Shine W.E., McCulley J.P.: Meibomian Gland Triglyceride Fatty Acid Differences in Chronic Blepharitis Patients. *Cornea* 15:340-346, 1996.
134. McCulley J.P. and the Technical Committee on Alternatives to Animal Testing, Replacing the Draize Eye Irritation Test: Scientific Background and Research Needs. *J. Toxicol, Cut. & Ocular Toxicol.* 15:211-234, 1996.
135. Thomas E., Stein H., Cox D., Key J., Kennedy R., Meier G., Vincent C., Hood D., Gerlock R., Herriott D., Grant S., McCulley J.P., Gilbert C., Benjamin P., White E., Cushing T., Anderson M., Smith C.: A New Standard in Lens Hygiene: Three clinical studies evaluate SupraClens, a new liquid daily protein remover, for cleaning efficacy, safety, comfort and convenience. *Contact Lens Spectrum* 11:32-36, 1996.
136. Hyndiuk R.A. and the Ciprofloxacin Solution/Bacterial Keratitis Study Group including McCulley J.P.: Comparison of Ciprofloxacin Ophthalmic Solution 0.3-percent to Fortified Tobramycin-Cefazolin for Treating Bacterial Corneal Ulcers. *Ophthalmology* 103:1854-1862, 1996.
137. Foster C.S., Drake M., Turner F.D., Crabb J.L., Santos C.I., and the Rimexolone Uveitis Study Group, including McCulley JP: Efficacy and Safety of 1% Rimexolone Ophthalmic Suspension vs 1% Prednisolone Acetate (Pred Forte?) for Treatment of Uveitis. Excerpta Medical Internatl. Cong. *Am. J. Ophthalmol* 122:171-182, 1996.
138. The Technical Committee on Alternatives to Animal Testing including McCulley J.P.: Replacing the Draize Eye Irritation Test: Scientific Background and Research Needs. *Journal of Toxicology, Cutaneous and Ocular Toxicology* 15:211-234, 1996.

PEER-REVIEWED MANUSCRIPTS cont.

139. Alizadeh H., Silvany R.E., Meyer D.R., Dougherty J.M., McCulley J.P.: In Vitro Amoebicidal Activity of Propamidine and Pentamidine Isethionate Against Acanthamoeba Species and Toxicity to Corneal Tissues. *Cornea* 16:94-100, 1997.
140. Shine W.E., McCulley J.P.: A Compositional Based Model for the Tear Film Lipid Layer. *Trans. Am. Ophthalmol. Soc.* 95:79-93, 1997.
141. Hargrave S.L., Hussein Z.M., McCulley J.P.: Complications of Combined Radial Thermokeratoplasty and Incisional Keratotomy. *CLAO J* 23:205-208, 1997.
142. Assil K., et al, including McCulley J.P.: Control of Ocular Inflammation following Cataract Extraction with Rimexolone 1% Ophthalmic Suspension: A Prospective, Randomized, Multicenter Study. *Journal of Cataract and Refractive Surgery* 23:750-757, 1997.
143. Shine W.E., McCulley J.P.: Keratoconjunctivitis Sicca Associated with Meibomian Secretion Polar Lipid Abnormality. *Arch. Ophthalmol.* 116:849-852, 1998.
144. Nussenblatt R.B., Bron A., Chambers W., McCulley J.P., Pericoi M., Ubels J.L., Edelhauser H.F.: Ophthalmologic Perspectives on Eye Irritation Testing. *J. Toxicol. - Cut & Ocular Toxicol.* 17:103-109, 1998.
145. Abbasoglu O.E., Bowman R.W., Cavanagh H.D., McCulley J.P.: Reliability of Intraocular Pressure Measurements after Myopic Excimer Photorefractive Keratectomy. *Ophthalmology* 105:2193-2196, 1998.
146. Donskik, P.C., Nelson J.D., Abelson M., McCulley J.P., Beasle, C., Laibovitz R.A.: Effectiveness of BION tears, Cellufresh, Aquasite, and Refresh Plus for Moderate to Severe Dry Eye. *Advances in Experimental Medicine & Biology* 438:753-60, 1998.
147. McCulley J.P., Shine W.E.: Meibomian Secretions in Chronic Blepharitis. *Advances in Experimental Medicine and Biology* 438:319-326, 1998.
148. Shine W.E., McCulley J.P.: Tear Film Structure and Dry Eye. *Contactologia* 20:145-149, 1998.
149. Hargrave S.L., McCulley J.P., Hussein Z., and the Brolene Study Group: Results of Trial of Combined Propamidine Isethionate and Neomycin Therapy for Acanthamoeba keratitis. *Ophthalmology* 106:952-957, 1999.
150. Niederkorn J.Y., Alizadeh H., Leher H., McCulley J.P.: The Pathogenesis of Acanthamoeba Keratitis. *Microbes and Infection* 1:437-443, 1999.
151. Beck R.W., Gal R.L., Mannis M.J., Holland E.J., Cavanagh H.D., Foulks G.N., Heck E.L., Lindquist T., Macsai M.S., Smith R.E., Stark W.J., Stulting R.D., Sugar J. Is donor age an important determinant of graft survival? *Cornea* 1999; 18(5):503-510.
152. He, Y.G., Alizadeh H., McCulley J.P.: Experimental Transplantation of Cultured Human Limbal and Amniotic Epithelial Cells onto the Corneal Surface. *Cornea* 18:570-579, 1999.
153. Niederkorn J.Y., Alizadeh H., Leher, H.F., McCulley J.P.: The Immunobiology of Acanthamoeba Keratitis. Springer Seminar on Immunopathology 21:147-160, 1999.
154. McCulley J.P.: IOP Measurements after PRK - Reply [Letter]. *Ophthalmology* 106:1858-1859, 1999.

PEER-REVIEWED MANUSCRIPTS cont.

155. Shine W.E., McCulley J.P.: Association of Meibum Oleic Acid with Meibomian Seborrhea. *Cornea* 19:72-74, 2000.
156. McCulley J.P., Alizadeh H., Niederkorn J.Y.: The Diagnosis and Management of Acanthamoeba Keratitis. *CLAO J* 26:47-51, 2000.
157. McCulley J.P.: Evaluating Fluoroquinolones. How to choose the right drug to prevent post-cataract infection. *Ophthalmology Management*, p. 83-88, March, 2000.
158. McCulley J.P., Shine W.E.: Changing Concepts in the Diagnosis and Management of Blepharitis. *Cornea* 19:650-658, 2000.
159. El-Agha M.S.H., Johnston E.W., Bowman R.W., Cavanagh H.D., McCulley J.P.: Excimer Laser Treatment of Spherical Hyperopia, PRK or LASIK? *Trans. Amer. Ophthalmol Society* 98:59-66; discussion 66-69, 2000.
160. Yi D.H., Petroll M., Bowman R.W., McCulley J.P., Cavanagh H.D.: Surgically Induced Astigmatism after Hyperopic and Myopic Photorefractive Keratectomy. *J. Cat. Refr. Surg.* 27:396-403, 2001.
161. Alizadeh H., Apte S., El Agha S., Li L., Hurt M., Howard K., Cavanagh H.D., McCulley J.P., Niederkorn J.Y.: Tear IgA and Serum IgG Antibodies against Acanthamoeba in Patients with Acanthamoeba Keratitis. *Cornea* 20:622-627, 2001.
162. Miller A.E., McCulley J.P., Bowman R.W., Cavanagh H.D., Wang X.H.: Patient Satisfaction after LASIK for Myopia. *J CLAO* 27:84-88, 2001.
163. McCulley J.P., Shine W.E.: The Lipid Layer - The Outer Surface of the Ocular Surface Tear Film. *Bioscience Reports* 21:407-418, 2001.
164. Hargrave S.L., Jung J.C., Fini M.E., Gelender H., Cather C., Guidera A., Udell I., Fisher S., Jester J.V., Bowman R.W., McCulley J.P., Cavanagh H.D.: Possible Role of the Vitamin E Solubilizer in Topical Diclofenac on Matrix Metalloproteinase Expression in Corneal Melting. *Ophthalmology* 109 (2), 343-350, 2002.
165. Wang X., McCulley J.P., Bowman R.W., Cavanagh H.D.: Results of Combined Myopic Astigmatic LASIK Treatment and Retreatments. *CLAO J.* 28:55-60, 2002.
166. Gokmen F., McCulley J.P., Bowman R.W., Petroll W.M., Jester J.V., Cavanagh H.D.: In Vivo Confocal Microscopy Through-Focusing to Measure Corneal Flap Thickness after laser in situ keratomileusis. *J Cataract & Refractive Surgery* 28(6):962-970, 2002
167. Wang X., Shen J., McCulley J.P., Bowman R.W., Petroll, W.M., Cavanagh H.D.: Intraocular Pressure Measurement after Hyperopic LASIK. *CLAO J.* 28:136-139, 2002.
168. Wang X., McCulley J.P., Bowman R.W., Cavanagh H.D.: Time to Resolution of Contact Lens-Induced Corneal Warpage Prior to Refractive Surgery. *CLAO J* 28:169-171, 2002.
169. McCulley J.P., Shine W.E.: Eyelid disorders: The meibomian gland, blepharitis, and contact lenses. *Eye & Contact Lens: Science and Clinical Practice* 29:S93-S95, 2003.
170. El-Agha S., Johnston E., Bowman R.W., Cavanagh H.D., McCulley J.P.: Photorefractive Keratectomy versus Laser In Situ Keratomileusis for the treatment of spherical hyperopia. *Eye & Contact Lens* 29:31-37, 2003.

PEER-REVIEWED MANUSCRIPTS cont.

171. Holden B.A., Secor G., Weisbarth D.W., McCulley J.P., Becherer D.: Rigid Lenses, Soft Lenses, or LASIK: Which Would You Chose? Discussion and Summary. *Eye & Contact Lens: Science and Clinical Practice* 29:S143-144, 2003.
172. Niederkorn J.Y., Alizadeh H., Leher H., Apte S., El Agha S., Ling L., Hurt M., Howard K., Cavanagh H.D., McCulley J.P.: Role of Tear Anti-Acanthamoeba IgA in Acanthamoeba Keratitis. Third Annual Conference on the Lacrimal Gland, Tear Film and Dry Eye Syndrome, Maui, Hawaii, Kluwer Academic/Plenum Publishers, *Adv Exp Med Biol* 845-850, 2003.
173. Schwab I.R., Friedlaender M., McCulley J.P., Lichtenstein S.J., Moran C.T., The Levofloxacin Bacterial Conjunctivitis Active Control Study Group: A Phase III Clinical Trial of 0.5% Levofloxacin Ophthalmic solution versus 0.3% Ofloxacin Ophthalmic Solution for the Treatment of Bacterial Conjunctivitis. *Ophthalmology* 110:457-465, 2003.
174. Mendelblatt D., McCulley J.P., Bowman R.W., Verity S., Cavanagh H.D. Effects of an educational seminar on rejection demographics in patients presenting for laser in situ keratomileusis. *Eye and Contact Lens: Science & Clinical Practice* 29:69-71, 2003.
175. McCulley J.P., Shine W.E.: Meibomian Gland and Tear Film Lipids: Structure, Function, and Control. Proceedings of the Third International Conference on the Lacrimal Gland, Tear Film and Dry Eye Syndromes: Basic Science and Clinical Relevance, 2003.
176. Shine W.E., McCulley J.P., Pandya A.G.: Minocycline effect on meibomian gland lipids in meibomianitis patients. *Experimental Eye Research* 76(4):417-420, 2003.
177. Vargas J.M., McCulley J.P., Bowman R.W., Johnson E.W., Jani B.R., Shen J.: Effect of phacoemulsification on corneal thickness. *Am J Ophthalmol* 136(1):171-172, 2003.
178. McCulley J.P.: Biocompatibility of intraocular lenses. *Eye and Contact Lens* 29(3):155-163, 2003.
179. Shine W.E., McCulley J.P.: Polar lipids in human meibomian secretions. *Current Eye Research* 26:89-94, 2003.
180. El-Agha M.S., Bowman R.W., Cavanagh H.D., McCulley J.P.: Comparison between photorefractive keratectomy and laser in situ keratomileusis for the treatment of compound hyperopic astigmatism. *Journal of Cataract and Refractive Surgery* 29(5):900-907, 2003.
181. McCulley J.P., Shine W.E.: Meibomian gland function and the tear lipid layer. *The Ocular Surface* 1(3): 97-106, 2003.
182. Seward M.S., Oral D., McCulley J.P., Bowman R.W., Cavanagh H.D.: Comparison of LADARVision and Visx Star S3 LASIK outcomes in myopia and hyperopia. *Journal of Cataract and Refractive Surgery*, 29(12):2351-2357 2003.
183. McCulley J.P., Stephens, T.J.: Alternatives to the Draize Eye Test Including the Use of Tissue Cultured Corneal Cells. *Toxicological Methods*.
184. McCulley J.P., Alizadeh H., Niederkorn J.Y.: Acanthamoeba Keratitis. *The Journal of Japan Contact Lens Society*.

PEER-REVIEWED MANUSCRIPTS cont.

185. Whitson J.T., Cavanagh H.D., Song J., Bowman R.W., Hertzog L., McCulley J.P.: Effect of LASIK on optic nerve head topography and retinal fiber layer thickness. *JCRS*, 29(12):2302-2305, 2003.
186. Ta C.N., Shine W.E., McCulley J.P., Pandya A., Trattler W., Norbury J.W. Effects of minocycline on the ocular flora of patients with acne rosacea or seborrheic blepharitis. *Cornea* 22(6):545-548, 2003.
187. McCulley J.P., Shine W.E., Aronowicz J., Oral D., Vargas J. Presumed Hyposecretory/hyperevaporative KCS: tear characteristics. *Trans American Ophthalmological Society*, 2003; 101:141-52.
188. McCulley, J.P. The Range of Ocular Surface Research at The University of Texas Southwestern Medical Center, Dallas. *The Ocular Surface*, 2(1):2004. M Shine W.E., McCulley J.P.. Meibomianitis: polar lipid abnormalities. *Cornea*. 2004 Nov;23(8):781-3.
189. Oral D., Bowman R.W., Cavanagh H.D., El-Agha M.S.H., Seward M.S., McCulley J.P., Hyperopic LASIK Results with LADARVision, VISX Star S2 and VISX Star S3, *Eye & Contact Lens* 30(1):49 - 54, 2004.
190. Kovoov T.A., Kim A.S., McCulley J.P., Cavanagh H.D., Jester J.V., Budge A.C., Petroll W.M. Evaluation of the Corneal Effects of Topical Ophthalmic Fluoroquinolones Using In Vivo Confocal Microscopy, *Eye & Contact Lens* 30(2): 90-94, 2004.
191. McCulley J.P., Shine W.E. The lipid layers of tears: dependent on meibomian gland function. *Experimental Eye Research, (Special Issue in honour of David Maurice)* 78 (3):361-365, 2004.
192. Awwad S.A., El-Kateb M., Bowman R.W., Cavanagh H.D., McCulley J.P. "Wavefront-guided Laser in Situ Keratomileusis With the Alcon CustomCornea and the VISX CustomVue: Three-month Results," *Journal of Refractive Surgery*, 20: S606-S613, 2004.
193. McCulley J.P. Low acute endophthalmitis rate: possible explanations. *Journal of Cataract and Refractive Surgery*, 31(5): 1074-1075, 2005.
194. Cornea Donor Study Group including James McCulley, "Baseline Donor Characteristics in the Cornea Donor Study (CDS)", *Cornea*, 24(4):389-396, 2005.
195. Liang D., Alvarado T.P., Oral D., Vargas J.M., Denena M.M., McCulley J.P., Eye Findings in the Western Lowland Gorilla (Gorilla, Gorilla, Gorilla), *Journal of Zoo and Wildlife Medicine*, 36(3):430-433, 2005.
196. Cornea Donor Study Group including James McCulley, An Evaluation of Image Quality and Accuracy of Eye Bank Measurement of Donor Cornea Endothelial Cell Density in the Specular Microscopy Ancillary Study, *Ophthalmology*, 112(3), 431-440, 2005.
197. Oral D., Seward M., Bowman R.W, McCulley J.P., Cavanagh H.D. Long Term Results of Laser-assisted In Situ Keratomileusis in Eyes with Previous Radial Keratotomy, *JCRS*, 31(8): 1561 - 1568, 2005.
198. Li H., Niederkorn J.Y., Neelam S., Mayhew E., Word A.R., McCulley J.P., Alizadeh H. "Immunosuppressive Factors Secreted by Human Amniotic Epithelial Cells," *Investigative Ophthalmology & Visual Science*, 46(3):900 – 907, 2005.

PEER-REVIEWED MANUSCRIPTS cont.

199. Awwad S.T., Haithcock K.K., Oral D., Bowman R.W., Cavanagh H.D., McCulley J.P., "A comparison of Induced Astigmatism in Conventional and Wavefront-Guided Myopic Laser in situ Keratomileusis Using LADARVision 4000 and VISX S4 Platforms," *JRS*, 21(6):S792-S798, 2005
200. Awwad S.T., Parmar D.N., Heilman M., Bowman R.W., McCulley J.P., Cavanagh H.D. "Results of Penetrating Keratoplasty for Visual Rehabilitation After *Acanthamoeba* Keratitis: A Case Series" *AJO*, 140(6), pp 1080-1084, 2005.
201. McCulley J.P., Uchiyama E., Aronowicz J.D., Butovich I.A. Impact of Evaporation on Aqueous Tear Loss. *Trans Am Ophthalmol Soc* 2006;104:121-8.
202. Parmar D.N., Alizadeh H., Awwad S.T., Bowman R.W., Cavanagh H.D., McCulley J.P., Ocular Surface Restoration Using Non-Surgical Transplantation Of Tissue-Cultured Human Amniotic Epithelial Cells, *AJO*, 141(2), pp 299—307, Feb 2006.
203. Cornea Donor Study Group including James McCulley, "Clinical Profile & Early Surgical Complications in the Cornea Donor Study (CDS)", *Cornea*, 25(2):164-170, February 2006.
204. Awwad S.T., El-Kateb M., McCulley J.P., Comparative higher-order aberration measurement of the LADARWave and Visx WaveScan aberrometers at varying pupil sizes and after pharmacologic dilation and cycloplegia. *JCRS* 2006 Feb;32(2):203-14
205. McCulley J.P., Aronowicz J.D., Uchiyama E., Shine W.E., Correlations in a Change in Aqueous Tear Evaporation with a Change in Relative Humidity and the Impact, *AJO*, 141:4, pp 758-760; www:ajo.com.
206. Benetz B.A., Gal R.L., Ruedy K.J., Rice C., Beck R.W., Lass J.L. for the Cornea Donor Study Group including James McCulley. Specular microscopy reading center methods in the Specular Microscopy Ancillary Study (SMAS). *Current Eye Research* 2006; 31:319-327
207. Parmar D.N., Awwad S.T., Petroll W.M., Bowman R.W., McCulley J.P., Cavanagh H.D., Tandem Scanning Confocal Corneal Microscopy In The Diagnosis of Suspected *Acanthamoeba* Keratitis, *Ophthalmology*, 113(4):, pp 538-547, April 2006.
208. McCulley J.P., Caudle D., Aronowicz J.D., Shine W.E., Fourth Generation Fluoroquinolone Penetration into the Aqueous Humor in Humans, *Ophthalmology*, 113(6): 955-959, 2006.
209. Ly H., McCulley J.P., Cavanagh H.D., Petroll M.P., "Evaluation of Intrastromal Lipid Deposits Following Intacs Implantation Using In Vivo Confocal Microscopy," *Eye & Contact Lens*, 32(4): 211-215, 2006.
210. Petroll W.M., Goldberg D., Lindsey S.S., Kelly P., Cavanagh H.D., Bowman R.W., Parmar D., Verity S.M., McCulley J.P., Confocal Assessment of the Corneal Response to Intracorneal Lens Insertion and LASIK with Flap Creation using IntraLase *JCRS*, 32:1119-1128, July 2006.
211. Awwad S.T., McCulley J.P. Wavefront-guided LASIK: recent developments and results. *Int Ophthalmol Clin*. 2006 Summer;46(3):27-38. Review. No abstract available.

PEER-REVIEWED MANUSCRIPTS cont.

212. Aronowicz J.A., Shine W.E., Oral D., Vargas J., McCulley J.P., "Short-term Oral Minocycline Treatment of Meibomianitis," *BJO*, 2006 Jul;90(7):856-60. Epub 2006 Apr 13.
213. Bagley D.M., Casterton P.L., Dressler W.E., Edelhauser H.F., Kruszewski F.H., McCulley J.P., Nussenblatt R.B., Osborne R., Rothenstein A., Stitzel K.A., Thomas K., "Proposed New Classification Scheme for Chemical Injury to the Human Eye," *Regulatory Toxicology & Pharmacology*, Volume 45, Issue 2, July 2006, Pages 206-213
214. McCulley J.P., "Update Treatment Approach in the Management of Endophthalmitis", *Highlights of Ophthalmology*, 34(31): 15-16, 2006.
215. McCulley J.P., Uchiyama E., Aronowicz J.D., Butovich I.A., "Impact of Evaporation on Aqueous Tear Loss," *Transactions of the AOS*, Volume 104, Pages 121-128, 2006
216. Awwad S.T., Petroll W.M., McCulley J.P., Cavanagh H.D. Updates in Acanthamoeba keratitis. *Eye Contact Lens*. 2007 Jan;33(1):1-8. Review.
217. Awwad S., Bowman R.W., Cavanagh H.D., McCulley J.P., "Objective & Subjective Visual Outcomes of Wavefront-Guided Laser In Situ Keratomileusis for Low to Moderate Myopes Using the LADAR CustomCornea & the VISX CustomVue," *JRS*, Volume 23 (1); pages 26-37; January 2007
218. Awwad S.T., Heilman M., Hogan R.N., Parmar D.N., Petroll W.M., McCulley J.P., Cavanagh H.D. Severe reactive ischemic posterior segment inflammation in acanthamoeba keratitis: a new potentially blinding syndrome. *Ophthalmology*. 2007 Feb;114(2):313-20. Epub 2006 Nov 21.
219. Lindsey S.S., McCulley J.P., Cavanagh H.D., Verity S.M., Bowman R.W., Petroll W.M., "Prospective Evaluation of PermaVision Intracorneal Implants using In Vivo Confocal Microscopy," *JRS*, 2007 Apr;23(4):410-3.
220. Hu M., McCulley J.P., Cavanagh H.D., Bowman R.W., Verity S., Mootha V., Petroll W.M.: Comparison of the Corneal Response to Laser in Situ Keratomileusis with Flap Creation Using the FS15 and FS30 Femtosecond Lasers, *JCRS*, Vol. 33, Number 4, April 2007
221. Definition and Classification Subcommittee members including McCulley J.P., "The Definition and Classification of Dry Eye Disease: Report of the Definition and Classification Subcommittee of the International Dry Eye Work (2007)"; *The Ocular Surface*; Volume 5, Number 2; pages 75-92; April 2007.
222. Robertson D.M., McCulley J.P., Cavanagh H.D. Severe acanthamoeba keratitis after overnight orthokeratology. *Eye Contact Lens*. 2007 May;33(3):121-3
223. Awwad S., Dwarakanathan S., Bowman R.W., Cavanagh H.D., Verity S., Mootha V., McCulley J.P.: Intraocular Lens Power Calculation after Radial Keratotomy: Estimating the Refractive Corneal Power, *JCRS*, Volume 33, Number 6, pgs 1045-50, June 2007
224. Awwad S.T., Lehmann J.D., McCulley J.P., Bowman R.W. A comparison of higher order aberrations in eyes implanted with AcrySof IQ SN60WF and AcrySof SN60AT intraocular lenses. *Eur J Ophthalmol*. 2007 May-Jun;17(3):320-6

PEER-REVIEWED MANUSCRIPTS cont.

225. Butovich I., Uchiyama E., McCulley J.P., "On the Presence of Oleamide in Human Meibum: Quantification by Liquid Chromatography-Mass Spectrometry" *Investigative Ophthalmology & Visual Science*; Letter to the Editor; Jun 14, 2007
226. Uchiyama E., Aronowicz J.D., Butovich I.A., McCulley J.P., "Increased Evaporative Rates in Laboratory Testing Conditions Simulating Airplane Cabin Relative Humidity: An Important Factor for Dry Eye Symptom," *Eye & Contact Lens Journal*," 2007 Jul;33(4):174-6.
227. Uchiyama E., Aronowicz J.D., Butovich I.A., McCulley J.P. Pattern of vital staining and its correlation with aqueous tear deficiency and meibomian gland dropout. *Eye Contact Lens*. 2007 Jul;33(4):177-9
228. Butovich I.A., Uchiyama E., Di Pascuale M.A., McCulley J.P. Liquid chromatography-mass spectrometric analysis of lipids present in human meibomian gland secretions. *Lipids*. 2007 Aug;42(8):765-76. Epub 2007 Jun 29.
229. Butovich I.A., Uchiyama E., McCulley J.P.. Lipids of human meibum: mass-spectrometric analysis and structural elucidation. *J Lipid Res*. 2007 Oct;48(10):2220-35. Epub 2007 Jul 12
230. Mootha V., Heck E., Verity S., Petroll W.M., Lakshman N., Muftuoglu O., Bowman R.W., McCulley J.P., Cavanagh H.D., "Comparative Study of DSAEK Donor Preparation by Moria ALTK Microkeratome, Horizon Microkeratome and Intralase FS 60. Presented in part at Fall Educational Symposium of Cornea Society/Eye Bank Association of America on November 9, 2007.
231. Knapp S., McCulley J.P., Alvarado T.P., Hogan R.N. Comparative ocular anatomy of the western lowland gorilla. *Vet Ophthalmol*. 2007 Nov-Dec;10(6):357-62
232. Arey M.L., Sullivan B.R., Reinert C.G., McCulley J.P. Impaired corneal wound healing associated with ketorolac 0.5% after uncomplicated extracapsular cataract extraction. *Cornea*. 2007 Dec;26(10):1159-64
233. Petroll W.M., Hu, McCulley J.P., Cavanagh H.D., Bowman R.W., Verity S., Mootha V., "Comparison of the Corneal Response to LASIK with Flap Creation using the IntraLase® FS15 and FS30 lasers: Clinical and Confocal Microscopy Findings," *JCRS*, 33:673-681, 2007
234. Awwad S.T., Sanchez P., Sanchez A., McCulley J.P., Cavanagh H.D. A preliminary in vivo assessment of higher-order aberrations induced by a silicone hydrogel monofocal contact lens. *Eye Contact Lens*. 2008 Jan;34(1):2-5.
235. McCulley J.P. Ketorolac versus nepafenac in cataract surgery. *JCRS* 2008 Mar;34(3):345-6; author reply 346. No abstract available.
236. Cornea Donor Study Investigator Group including McCulley J.P. The effect of donor age on corneal transplantation outcome: results of the cornea donor study. *Ophthalmology* 2008; 115:620-626
237. Awwad S.T., Di Pascuale M.A., Hogan R.N., Forstot S.L., McCulley J.P., Cavanagh H.D. Avellino corneal dystrophy worsening after laser in situ keratomileusis: further clinicopathologic observations and proposed pathogenesis. *Am J Ophthalmol*. 2008 Apr;145(4):656-61. Epub 2008 Feb 19

PEER-REVIEWED MANUSCRIPTS cont.

238. Awwad S.T., Warmerdam D., Bowman R.W., Dwarakanathan S., Cavanagh H.D., McCulley J.P. Contrast sensitivity and higher order aberrations in eyes implanted with AcrySof IQ SN60WF and AcrySof SN60AT intraocular lenses. *JRS* 2008 Jun;24(6):619-25
239. Wojtowicz J., McCulley J.P., "Ojo Seco: Efecto de la Capa Lipidica de la Pelicula Lagrimal" *Vision Pan-America*, Volumen VII (No. 2), Junio 2008, pags. 48-51.
240. Awwad S., Manasseh, Bowman R., Cavanagh H.D., Verity S., Mootha V., McCulley J.P.: Intraocular Lens Calculations in Eyes After Myopic Keratorefractive Surgery, *JCRS*, Volume 34, Number 7, pages 1070-76, July 2008.
241. Petroll W.M., McCulley J.P.: Assessment of Keratocyte Activation Following LASIK with Flap Creation using the FS60 Laser, *JRS*, October 2008, Vol. 24: 847-879.
242. McCulley J.P., Petroll W.M. Quantitative Assessment of Corneal Wound Healing Following IntraLASIK using in Vivo Confocal Microscopy. *Trans AM Ophthalmology Soc.* 2008;106:84-90.
243. Uchiyama E., Di Pascuale M.A., Butovich I.A., McCulley J.P. Impact on ocular surface evaporation of an artificial tear solution containing hydroxypropyl guar. *Eye Contact Lens.* 2008 Nov;34(6):331-4
244. Cornea Donor Study Investigator Group including McCulley J.P. Donor age and corneal endothelial cell loss five years after successful cornea transplantation: specular microscopy ancillary study results. *Ophthalmology* 2008; 115:627-632.
245. Dunn S.P., Stark W.J., Stulting R.D., Lass J.H., Sugar A., Pavilack M.A., Smith P.W., Tanner J.P., Dontchev M., Gal R.L., Beck R.W., Kollman C., Mannis M.J., Holland E.J. on behalf of the Cornea Donor Study Investigator Group including McCulley J.P. The effect of ABO blood incompatibility on corneal transplant failure in conditions with low risk of graft rejection. *American Journal of Ophthalmology* 2009; 147: 432-438.
246. Powe A., Gal R.L., Beck R.W., Mannis M.J., Holland E.J. on behalf of the Cornea Donor Study Investigator Group including McCulley J.P.. The Cornea Donor Study. *Vision Pan-America* 2009; 8:9-12.
247. Awwad S.T., Bowman R.W., Cavanagh H.D., Warmerdam S., Lee D, McCulley J.P., "Changes in Higher Aberration after Accommodation in Myopic WaveFront Guided Lasik Candidates", *JRS*, 2009, Feb;25(2):171-2.
248. McCulley J.P. Fluoroquinolones and postoperative endophthalmitis. *JCRS* 2009 Feb;35(2):206; author reply 207-9. No abstract available.
249. Knapp S., Awwad S.T., Ghali C., Claudine, McCulley J.P., "Ocular Aberrations Measurements by the Fourier-driven WaveScan and the Zernike-driven LADARWave Hartmann-Shack Aberrometers", *JRS*, 2009 Feb;25(2):201-9.
250. Verity S.M., McCulley J.P., Bowman R.W., Cavanagh H.D., Petroll W.M. Outcomes of PermaVision Intracorneal Implants for the Correction of Hyperopia. *Am J Ophthalmol.* 2009 Jun;147(6):973-977. Epub 2009 Mar 9.
251. Awwad S.T., Kelley P.S., Bowman R.W., Cavanagh H.D., McCulley J.P. Corneal refractive power estimation and intraocular lens calculation after hyperopic LASIK. *Ophthalmology.* 2009 Mar;116(3):393-400.e1.

PEER-REVIEWED MANUSCRIPTS cont.

252. Di Pascuale M.A., Prasher P., Schlecte C., Arey M.L., Bowman R.W., Cavanagh H.D., McCulley J.P., Mootha V.V. "Corneal Deturgescence after Descemet Stripping Automated Endothelial Keratoplasty Evaluated by Visante Anterior Segment Optical Coherence Tomography" *American Journal of Ophthalmology*, Mar 26 2009 Elec. Pub. doi:10.1016/j.ajo.9009.01.016.
253. Wojtowicz J., McCulley J.P., "Assessment and Impact of the Time of Day on Aqueous Tear Evaporation in Normal Subjects", *ECL* May 2009 Vol. 35 pg. 117-119
254. Muftuoglu O., Prasher P., Chu C, Mootha V.V., Verity S., Bowman R.W., Cavanagh H.D., McCulley J.P., "LASIK for Residual Refractive Errors After Apodized Diffractive Multifocal Intraocular Lens Implantation", *JCRS*, June 2009 (Vol. 35, Issue 6, Pages 1063-1071
255. Awwad S.T., Bowman R.W., Cavanagh H.D., Alvarez, McCulley J.P., "Quality of Life Changes After Wavefront-Guided Laser in Situ Keratomileusis in Myopic Patients", *ECL* May 2009, Vol. 35 pg. 128-131
256. Sugar A, Tanner JP, Dontchev M, Tennant B, Schultze RL, Dunn SP, Lindquist TD, Gal RL, Beck RW, Kollman C, Mannis M, Holland E, for the Cornea Donor Study Investigator Group. Recipient risk factors for graft failure in the Cornea Donor Study, *Ophthalmology*, June 2009 Vol. 116, Issue 6, pg 1023-2028.
257. Pachigolla, G., Prasher, P., Mootha, V.V., Bowman, R.W., Di Pascuale, M., McHenry, J., McCulley, J.P. "Evaluation of the Role of ProKera™ in the Management of Ocular Surface and Orbital Disorders", *E-CL* July 2009, Vol. 53, No. 4, pg. 172-175.
258. Prasher P., Muftuoglu O., Bowman R.W., McCulley J.P., Petroll W.M., Cavanagh H.D., Mootha V.V., "Tandem Scanning Confocal Microscopy of Cornea after Descemet Stripping Automated Endothelial Keratoplasty", *ECL* July 2009, Vol. 35, No. 4 pg. 196-202.
259. Wojtowicz, J.C., Butovich, I.A., McCulley, J.P., "Historical Brief on Composition of Human Meibum Lipids", *Ocular Surface* July 2009, Vol. 7, No. 3. pg. 145-153.
260. Cionni R., Chang D., Donnefeld E., Lane S., McCulley J.P., Solomon K., "Clinical Outcomes and Functional Visual Performance: Comparison of the ReSTOR Apodized Diffractive IOL to a Monofocal Control," *British Journal of Ophthalmology*, September 2009 Vol. 93, Issue 9, pg. 1215-1219.
261. Sugar J., Montoya M., Dontchev M., Tanner J.P., Beck R.W., Gal R.L., Gallagher S., Gaster R., Heck E., Holland E.J., Kollman C., Malling J., Mannis M.J., Woody J. for the Cornea Donor Study Investigator Group including McCulley J.P. Donor Risk Factors for Graft Failure in the Cornea Donor Study. *Cornea* October 2009, Vol. 28, No. 9, pg 981-985.
262. Lass JH, et al for the Cornea Donor Study Investigator Group including McCulley J.P, "Endothelial Cell Density Predictive of Graft Failure in the Cornea Donor Study. *Archives of Ophthalmology*, in press.
263. Mohamed, E., Wojtowicz, J.A., Bowman, R.W., "Corneal Thickness Association with Ocular and Corneal High-Order Aberrations", *ECL*, November 2009, Vol. 35, No. 6, pg 297-301.

PEER-REVIEWED MANUSCRIPTS cont.

264. Mootha, V.V., Muftuloglu, O., Prasher P., Bowman R.W., McCulley, J.P., "Corneal Higher Order Aberrations after Descemet Stripping Automated Endothelial Keratoplasty" *Oph., in press.*

265. Mohamed, E.M., Arciniega, J.C., Wojtowicz, J.C., Bowman, R.W., McCulley, J.P., "Wavefront-Optimized LASIK Retreatment of Residual Refractive Errors", *JRS, in press.*

266. Parmar, D., Alizadeh, H., Awwad, S., Bowman, R.W., Cavanagh, H.D., McCulley, J.P., Letter to Editor "Contact Lens-Based Expansion & Transplantation of Autologous Epithelial Progenitors For Ocular Surface Reconstruction: Crossover Control", *Transplantation, in press.*

BOOKS AND CHAPTERS

1. McCulley J.P.: Chemical Injuries. In *The Cornea: Scientific Foundations and Clinical Practice*. Ed. Smolin G, Thoft RA, Little Brown and Company, Boston pp 422-435, 1983.
2. McCulley J.P., Moore T.E.: Chemical injuries of the eye. In *Corneal Disorders: Clinical Diagnosis and Management*. Ed. Leibowitz, H.M., W. B. Saunders Company. Philadelphia, Pa. pp 471-498, 1984.
3. McCulley J.P., Eliason J.: Rationale for selection of suturing techniques in penetrating keratoplasty. In *Corneal Disorders: Clinical Diagnosis and Management*. Ed. Leibowitz, H.M., W.B. Saunders Company. Philadelphia, Pa. pp 547-551, 1984.
4. Vision Research - A National Plan 1983-88: (National Eye Institute/NIH). NIH Publication No. 83-2472. Primary Author of Chapter IV on Corneal Edema, Endothelial Dysfunction, Secondary author of Chapters I, II, III, and V.
5. Matoba A.Y., McCulley J.P.: Epstein-Barr Virus and its Ocular Manifestations. In *Viral Diseases of the Eye* Ed. Darrell, R. W., Lea Febiger, Philadelphia, Pa. pp. 12-117, 1985.
6. Meyer D.R., Stern M.E., McCulley J.P.: The Importance of Vehicle Composition, Osmolality and pH for the In Vitro Assessment of Intraocular Drug Toxicity. In *In Vitro Toxicology*, (Vol. 3 in the *Alternative Methods in Toxicology*) Ed. Goldberg, A.M., New York, Mary Ann Liebert, Inc. pp 607-623, 1985.
7. McCulley J.P.: Chairman's Summary: Alternatives to the Draize Eye Test. In *In Vitro Toxicology*, (Vol. 3 in the *Alternative Methods in Toxicology*) Ed. Goldberg, A.M., New York, Mary Ann Liebert, Inc. pp 423-426, 1985.
8. Waring G.O., PERK Study Group, including McCulley J.P.: National Eye Institute Prospective Evaluation of Radial Keratotomy (PERK) study, in Henkes HE (ed): *Proceedings of the VII Congress of the European Society of Ophthalmology: Metabolic Eye Diseases*. Helsinki: Patrons' Association of the European Ophthalmological Society, pp 566-567, 1985
9. Whittum J.A., McCulley J.P., Niederkorn J.Y., Streilein J.W.: Unilateral Inoculation of Herpes Virus into the Anterior Chamber Produces a Bilateral Uveitis with a Pathogenesis Potentially Related to Anterior Chamber-associated Immune Deviation (ACAID) In "*Advances in Immunology and Immunopathology of the Eye*." Ed. O'Connor G.R., Chandler J.W., New York, Year Book Medical Publishers, pp 215-221, 1985.

Books and chapters (cont.)

10. Rubsamen P.E., McCulley J.P., Bergstresser P.A., Streilein J.W.: A Murine Model for Heterotopic Transplantation of Corneas: Proof that Langerhans' cells are essential Ia antigen presenting cells. In "Advances in Immunology and Immunopathology of the Eye" Ed. O'Connor, G.R., Chandler J.W., New York, Year Book Medical Publishers. pp 298-301, 1985.
11. Dougherty J.M., McCulley J.P., Meyer D.R.: Keratoconjunctivitis Sicca and Tear Lysozyme in Chronic Blepharitis. (In Preocular Tearfilm: In Health, Disease, and Contact Lens Wear) Ed. Holley, F.J., Lubbock, Holland Ophthalmic Publishing Center. pp. 176-181, 1986.
12. McCulley J.P., Dougherty J.M.: Meibomian Lipids in Chronic Blepharitis. (In Preocular Tearfilm: In Health, Disease and Contact Lens Wear) Ed. Holley, F.J., Lubbock, Holland Ophthalmic Publishing Center. pp 626-631, 1986.
13. Frazier J.M., Gad S., Goldberg A.M., McCulley J.P.: A Critical Evaluation of Alternatives to Acute Ocular Irritation Testing. Ed. Goldberg, A.M., Mary Ann Liebert, Inc. New York, 1987.
14. McCulley J.P.: Chemical Injuries. In The Cornea: Scientific Foundations and Clinical Practice. 2nd Edition Ed. Smolin, G., Thoft, R.A. Little Brown and Company, Boston pp 527-542, 1987.
15. Meyer D.R., McCulley J.P.: Evaluation of the Comparative Toxicity of Intraocular Viscoelastic Preparations. In In-Vitro Toxicology (Vol. 5 in the Alternative Methods in Toxicology) Ed. Goldberg, A.M., New York, Mary Ann Liebert, Inc. pp 393-410, 1987.
16. Meyer D.R., McCulley J.P.: Novel Strategies for Evaluating the Comparative Toxicity of Unmodified Viscoelastic Formulations. In In-Vitro Toxicology, Vol. 5 in the Alternative Methods in Toxicology Ed. Goldberg, A.M., New York, Mary Ann Liebert, Inc. pp 153-171, 1987.
17. Meyer D.R., McCulley J.P.: Acute and Protracted Injury to Corneal Epithelium as an Indication of the Biocompatibility of Various Pharmaceutical Vehicles. In Progress in In Vitro Toxicology, Volume 6, In Alternative Methods in Toxicology, Ed. Goldberg, A.M., Mary Ann Liebert, Inc., New York, pp 215-236, 1988
18. McCulley J.P.: Structure and Function of the Eyelids and Conjunctiva. In The Cornea Ed. Kaufman H.E., Waltman, S., McDonald M.B., Barron B.A., New York, Churchill Livingston, pp 55-66, 1989
19. McCulley J.P.: Meibomitis. in The Cornea Ed. Kaufman H.E., Waltman S., and McDonald M., New York, Churchill Livingston, pp 125-138, 1989

Books and chapters (cont.)

20. Meyer D.R., McCulley J.P.: Different Prospects of Risk Assessment from In Vitro Toxicology, and its Relevance to the Evaluation of Viscoelastic Formulations. In Proceedings of Manchester Viscoelastic Symposium. Ed. E. Rosen, pp 45-90, 1989
21. Bowman R.W., Miller K., McCulley J.P.: Diagnosis and Treatment of Chronic Blepharitis, In Focal Points 1989: Clinical Modules for Ophthalmologists. Vol. 7, Module 10, 1989.
22. Matoba A.Y, McCulley J.P.: Gram Positive Cocci. In Biomedical Foundations of Ophthalmology Ed. Duane, T.P. and Jaeger, E.A., Harper and Rowe, Philadelphia, PA, Vol 2, Chapter 49, 1989, pages 1-10.
23. McCulley J.P.: Chronic Blepharitis. Audio Digests in Ophthalmology, Vol 27, No. 8, 1989.
24. McCulley J.P.: Acanthamoeba Keratitis. Audio Digests in Ophthalmology, Vol 27, No. 8, 1989.
25. McCulley J.P.: Intraocular Lens/Iris Complications. Audio Digests in Ophthalmology, Vol 27, No. 18, 1989.
26. Brown D.D., McCulley J.P.: Staphylococcal and Mixed Staphylococcal/Seborrheic Blepharoconjunctivitis. In Current Ocular Therapy III Ed. Fraunfelder, F.T., Roy, F.H., W.B. Saunders Company, Philadelphia, p. 525-527, 1990.
27. Halsted M., McCulley J.P.: Seborrheic Blepharitis. In Current Ocular Therapy III Ed. Fraunfelder, F.T. and Roy, F.H., W.B. Saunders, Co. p. 522-524, 1990.
28. Bowman R.W., McCulley J.P.: Relapsing Polychondritis. In The Eye in Systemic Disease ed D. Gold, T. Weingeist. Lippincott & Co., 1990.
29. McCulley J.P., Stephens T.J.: Draize Eye Testing Alternatives - A Perspective. In In Vitro Toxicology: Tenth Anniversary Symposium of CAAT, (Vol. 9 in the Alternative Methods in Toxicology) Ed. Goldberg, A.M., New York, Mary Ann Liebert, Inc. pp 107-119, 1993.
30. Bowman R.W., McCulley J.P.: Ocular Bacteriology. In Principles and Practice in Ophthalmology, Ed. Albert DM., and Jakobiec, F.A., W.B. Saunders Company, Philadelphia, p. 816-834, 1993.
31. McCulley J.P., Shine W.E., Bowman R.W.: Diagnosis and Management of Chronic Blepharitis. In Update on Infectious Diseases of the Eye, Ed. A. A. Bialasiewicz, Aeolus Press, Buren, The Netherlands, p. 75-86, 1994.

Books and chapters (cont.)

32. McCulley J.P.: Chemical Injuries. In *The Cornea: Scientific Foundations and Clinical Practice*. 3rd Edition, Ed. Smolin, G., Thoft, R.A. Little Brown and Company, Boston p. 617-633, 1994.
33. Brown D.D., McCulley J.P.: Staphylococcal and Mixed Staphylococcal/Seborrheic Blepharoconjunctivitis. In *Current Ocular Therapy*, Fourth Edition, Ed. Fraunfelder, F.T., Roy, F.H., W.B. Saunders Co., Philadelphia, 596-599, 1994.
34. Halsted M., McCulley J.P.: Seborrheic Blepharitis. In *Current Ocular Therapy*, Fourth Edition, Ed. Fraunfelder, F.T. and Roy, F.H., W.B. Saunders Co., Philadelphia, 594-596, 1994.
35. Niederkorn J.Y., Alizadeh H., Taylor W., He, Y.G., McCulley J.P., Stewart G.L., Haehling E., Via M., van Klink F.: Oral Immunization Induces Protective Immunity Against *Acanthamoeba Keratitis*. In *Advances in Ocular Immunology*, Ed. Nussenblatt RB, Whitcup S.M., Caspi R.R. and Gery I., Elsevier Science, New York, 281-284, 1994.
36. Alizadeh H., Niederkorn J.Y., McCulley J.P.: *Acanthamoebic keratitis*. In *Ocular Infection and Immunity*, Ed. Pepose JS., Holland, G.N., Wilhelmus, K.R., Mosby-Yearbook, Inc., Philadelphia, 1062-1071, 1996.
37. Bowman R.W., McCulley J.P., Jester J.V.: Meibomian Gland Dysfunction and Rosacea. In *Ocular Infection and Immunity*, Ed. Pepose JS., Holland, G.N., Wilhelmus, K.R., Mosby-Yearbook, Inc., Philadelphia, 334-343, 1996.
38. McCulley J.P., Alizadeh H., Niederkorn J.Y.: *Acanthamoeba Keratitis*. In *Update on Infectious Diseases of the Eye*, Ed. A.A. Bialasiewicz, Aeolus Press, Buren, The Netherlands, 245-254, 1994.
39. Alizadeh H., Niederkorn J.Y., McCulley J.P.: *Acanthamoeba Keratitis*. In *Cornea: Cornea and External Disease, Clinical Diagnosis and Management*, Ed. Krachmer JH., Mannis, M.J. and Holland, E.J., Mosby-Year Book, Inc., St. Louis, 1267-1273, 1997.
40. Alizadeh H., Niederkorn J.Y., McCulley J.P.: Amebic Disease of the Eye. In *Textbook of Ocular Pharmacology*, Ed. Zimmerman, T.J., Kooner, K.S., Sharir, M., Fechtner, R.D., Lippincott-Raven Publishers, Philadelphia, 565-573, 1997.
41. McCulley J.P., Shine W.E.: Meibomianitis. In *The Cornea*, 2nd Edition, Ed. Kaufman H.E., Waltman S., and McDonald M., Churchill Livingstone, New York, 95-107, 1998.
42. McCulley J.P.: Chemical injuries of the eye. In *Corneal Disorders: Clinical Diagnosis and Management*, 2nd Edition, Ed. Leibowitz, H.M., Waring GO, W. B. Saunders Company. Philadelphia, Pa. pp 770-790, 1998.

Books and chapters (cont.)

43. McCulley J.P., Shine W.E.: Meibomian Secretions in Chronic Blepharitis. In: *Advances in Experimental Medicine and Biology Series, Lacrimal Gland, Tear Film, and Dry Eye Syndromes 2: Basic Science and Clinical Relevance*, Ed. Sullivan DA., Dartt DA., Meneray M.A., New York, Plenum Press, Vol 438, p 319-326, 1998.
44. Niederkorn J.Y., Alizadeh H., Leher H.F., McCulley J.P.: The immunobiology of Acanthamoeba keratitis. In, *Immunopathology of Uveitis*. Whitcup S (ed) Springer Seminar Series, 21:147-160, 1999.
45. Bowman R.W., McCulley J.P.: Ocular Bacteriology. In *Principles and Practice in Ophthalmology*, Ed. Albert DM., and Jakobiec, F.A., 2nd Edition, W.B. Saunders Company, Philadelphia, p. 97-114, 2000.
46. McCulley J.P., Friend A.S.: Acid Burns. In *Current Ocular Therapy*, Ed. Fraunfelder F.T., Roy F.H., 5th Edition, W.B. Saunders Company, Philadelphia, p. 267-268, 2000.
47. McInnis J., Brown D., McCulley J.P.: Blepharoconjunctivitis. In *Current Ocular Therapy*, Ed. Fraunfelder, F.T., Roy, F.H., 5th Edition, W.B. Saunders Company, Philadelphia, p. 421-422, 2000.
48. McInnis J., Brown D., McCulley J.P.: Seborrhic Blepharitis. In *Current Ocular Therapy*, Ed. Fraunfelder F.T., Roy F.H., 5th Edition, W.B. Saunders Company, Philadelphia, p. 450-451, 2000.
49. McCulley J.P., contributing author: *Companion Handbook to The Cornea*, Ed., Kaufman H.E., Barron B.A., McDonald M.B., Kaufman S.C.: 2nd edition, Butterworth-Heinemann, Woburn, MA, 2000.
50. McCulley J.P., Shine W.E.: Meibomian Gland and Tear Film Lipids: Structure, Function and Control. In: *Advances in Experimental Medicine and Biology Series, Lacrimal Gland, Tear Film, and Dry Eye Syndromes 3: Basic Science and Clinical Relevance*, Ed. Sullivan D.A., Stern M.E., Tsubota K., Dartt D.A., Sullivan R.M., Bromberg B.B., New York, Plenum Press, Vol 506, p 373-378, 2002.
51. Alizadeh H., Niederkorn J.Y., McCulley J.P. "Acanthamoeba and Other Parasitic Corneal Infections." In: *Cornea* (second edition). Krachmer J, Mannia M, Holland E (eds.) Raven Press, New York, NY, USA. November 2004.
52. Alizadeh H., Niederkorn J.Y., McCulley J.P. "Acanthamoeba Keratitis." In: *Albert & Jakobiec's Principles & Practice of Ophthalmology, 3rd edition* (in press) December 2005.
53. Ta C., Bowman, R.W., McCulley J.P., "Ocular Bacteriology" chapter 11 in *Albert & Jakobiec's Principles & Practice of Ophthalmology, 3rd edition* (in press) January 2006.

Books and chapters (cont.)

54. McCulley J.P., Parmar D.N., "Acid Burns," *Roy & Fraunfelder's Current Ocular Therapy*, 6th edition (in press) March 2006.

55. Awwad S., McCulley J.P., "Wavefront-Guided LASIK: Recent Developments and Results" chapter in *International Ophthalmology Clinics*, Vol 46 (3), Summer 2006, pp 27-38.

56. McCulley J.P., Friend A.S.: Acid Burns. *Current Ocular Therapy*, Ed. Fraunfelder, F.T., Roy, F.H., Fraunfelder, F.W. 6th Edition, W.B. Saunders Company, Philadelphia, p. 275-276, 2008.

CD-ROM PUBLICATIONS

McCulley J.P.: ASCRS Challenging Cataract Surgery, 'Lens Design is Not the Entire PCO Story.' Boston: Physician Education, Inc., 2001.

MANUSCRIPTS PREPARED FOR AND PUBLISHED IN PERIODICALS

McCulley J.P., Shine W.E.: Chronic Blepharitis-Associated Dry Eye: Treatment Prospects, *Eye World*, 2:24-25, 1997.

No longer listing these. Currently approximately six to eight per year.

PUBLISHED LECTURES

- I. Basic Science Course in Ophthalmology at Stanford. External Disease Syllabus.
 - 1) Penetrating keratoplasty (1977-80)
 - 2) Post-operative penetrating keratoplasty complications (1979)
 - 3) Meibomitis (1979-80)
 - 4) Eyelid anatomy (1980)

- II. Ophthalmology Update Course of Foundation for Systematic Postgraduate Education in Ophthalmology.

External Disease Syllabus:

 - 1) Corneal edema (1977-79) (1980-81)
 - 2) Chemical injuries (1977-79) (1980-81)

Optics Syllabus:

 - 1) Therapeutic soft contact lenses (1977-79)

- III. American Academy of Ophthalmology
 - 1) Course on Advances in Instrumentation in Ophthalmology, directed by Hessberg, P., Rowsey J Suture and Closure Advances 1979.
 - 2) Chronic Blepharitis: New Perspectives. 1981 - present.
 - 3) Practical Management of Four Commonly Misdiagnosed External Diseases. With Taylor, H.R., O'Day DM., McCulley JP and Matoba, AY 1984-1986.

4) Frequently Missed Diagnosed Corneal and External Disease Entities. Matoba, A. and McCulley JP 1984-1986.

5) Acanthamoeba Keratitis. M.B. Moore and McCulley JP, 1988 - present.

6) Anterior Segment Trauma (NETS Course). JP McCulley et al. 1988 - present.

IV. The University of Texas Medical School at Houston - Ophthalmology Basic Science Course Syllabus.

- 1) Bacterial Conjunctivitis (1981 - 1984)
- 2) Lid Infections (1981 - present)
- 3) Alkali Ocular Injuries (1981 - present)
- 4) Acid Ocular Injuries (1981 - present)

V. American Academy of Ophthalmology Southern Regional Update Course - Cornea and External Disease Syllabus:

1984:

- 1) Chemical Injuries
- 2) Blepharitis

1988:

- 1) Acanthamoeba Keratitis
- 2) Postoperative Penetrating Keratoplasty Management

No longer listing these types of publications

GRANT SUPPORT

ACTIVE --

Principal Investigator on NIH Grant-RO1-EYO3650

-Meibomian Keratoconjunctivitis (September 30, 1986 - present).

Unrestricted Departmental Grant from Research to Prevent Blindness (1986 to present).

Co-Investigator on NIH Grant EY06672

-The Efficacy of Prism Adaptation in Acquired Esotropia. 4/1/86 - present.

Clinical Research Grant - Alcon Laboratories - 1985 - present.

PREVIOUS –

Co-Investigator on NIH Grant RO1-EY00431

GRANT SUPPORT – Previous (cont.)

- Control of Corneal Hydration (July, 1976 - July, 1980)

Principal Investigator on NIH Grant EY02302 -

- Meibomian Keratoconjunctivitis (April, 1978 - March 1981)

Unrestricted grant from Fairchild Corporation to evaluate ocular hydrofluoric acid burns (July, 1976 - July, 1980).

Departmental Development Grant, Research to Prevent Blindness (1981 - 1982)

Principal Investigator on NIH Grant RO1-EY02302

-Meibomian Keratoconjunctivitis (December 1, 1981 - November 30, 1986)

Unrestricted grant from Mary Kay Cosmetics to evaluate tissue cultured corneal epithelium as an in vitro alternative to acute toxicity testing in animals. (1982 - 2000).

Unrestricted grant from Alcon Laboratories, Inc. to evaluate tissue cultured corneal endothelium as an in vitro alternative to acute toxicity testing in animals. (1982 - 1987).

Unrestricted grant from Alcon Industries, Inc. to support evaluation of bacteriological contribution to chronic blepharitis. (June, 1982 - December, 1982).

Southwestern Medical Foundation Grant to support transplantation of tissue cultured endothelium (Sept. 1982 - 1985).

Co-Investigator on NIH Grant RO1CA30276

-Immunological Modulation of Ocular Tumor Metastasis. 7/1/81 - 6/30/84.

Departmental Development Grant from Research to Prevent Blindness (1984 and 1985).

Unrestricted Grant from Cooper Vision-CILCO, Inc. to evaluate viscoelastic substances in vitro, 1986 - 1989.

James A. Shannon Director's Award, 1R55 EY09680-01A3

-Transplantation of Cultured Epithelium on Ocular Surface, 9/30/95 - 9/29/97.

Clinical Research Grant - Allergan Pharmaceuticals - 1989 - 2004.

For all awards, total award (direct and indirect) by funding source information can be provided upon request.

Trainees now in academic Positions –

David Liang, M.D. 2002-2003	Asst Prof. Penn State Milton S. Hershey Medical Center College of Medicine
Kelly T. Mitchell, M.D. 2001--2003	Asst Prof. Texas Tech
Sameh El-Agha, M.D. 1997--2001	Asst Prof. University of Cairo, Egypt
Rajendra Apte, M.D., Ph.D. 1998--2001	Asst Prof. Washington University St.
Louis Ammar Safar, M.D. 1999--2001	Asst Prof. University of Arkansas
Christopher Ta, M.D. 1998 – 1999 Medicine	Asst. Prof. Stanford Univ. School of
Dharmendra Patel, M.D. 1999--2000	Asst Prof. UTMB
Vinod Mootha, M.D. 1998--1999 2004 --	Asst Prof. University of New Mexico Assoc. Prof. UT Southwestern Medical School
George Papaliadis, M.D. 1995--1999	Staff ophthalmologist -- Mass General Hospital
Brian Stidem, M.D. 1994--1997	Asst Prof. UT Health Science Center Houston (deceased 10/2004)
Dan Neely, MD 1994 –1997	Prof. @ Indianapolis, IN University of Med.
Tom Reddens, M.D. 1997--1998	Asst Prof. LSU Shreveport
Ozlem Abbasoglu, M.D 1994--1996	Asst Prof. Hacettepe University in Turkey
Nick Hogan, M.D., Ph.D. 1994-1995	Assoc. Prof. UT Southwestern Medical Center
Yuguang He, M.D. 1992--1999	Assoc. Prof. UT Southwestern Medical School
Thomas Fitzsimmons, M.D., MPH 1992--1993	Asst Prof UT San Antonio
Richard Urso, M.D. 1989--1992	Asst Prof UT Health Science Center- -Houston
Steven Verity, M.D. 1990--1993	Assoc Prof UT Southwestern Medical School
Kamel Itani, M.D. 1988--1993	Assoc Prof UT Southwestern Medical School

David Wheeler, M.D. 1989--1992

Asst Prof University of Oregon
Medical Center

Jess Whitson, M.D. 1988--1991

Assoc Prof UT Southwestern Medical
School

David Weakley, M.D. 1985--1988

Professor UT Southwestern Medical
School

Alice Matoba, M.D. 1982--1983

Associate Professor, Baylor College o
of Medicine