

Curriculum Vitae

Laurie D Barber, M.D.

Education

Residency

Ophthalmology

University of Arkansas for Medical Sciences

Little Rock, Arkansas

1986 - 1990

Honors:

Raymond and Mary Morris Annual Ophthalmology Resident Award, 1987

Internship

Transitional

University of Arkansas for Medical Sciences

Little Rock, Arkansas

1984 – 1985

Postdoctoral Training

Ophthalmic Echography

Sandra Frazier Byrne, Adjunct Assistant Professor of Ophthalmology, Director of Echography Department, Department of Ophthalmology, Bascom Palmer Eye Institute, Miami, Florida

June 1991 and September 1993

Ophthalmic Pathology

Professor Alec Garner, MD, Ph.D., MRCP, FRCPath, Director of Department of Pathology, Institute of Ophthalmology, Moorfields Eye Hospital, London, England
January 1989 - February 1989

Ophthalmic Plastic & Reconstructive Surgery

Richard L. Anderson, MD, Professor of Ophthalmology, Director of Oculoplastics, Orbital and Oncology Services, Department of Ophthalmology, University of Utah, Salt Lake City, Utah

November 1988 - January 1988

Teaching Scholars

The UAMS Teaching Scholars Program was developed to provide selected faculty members a way to gain knowledge and skills about adult learning, principles of teaching and learning, development of curricula and instructional materials, and educational research and publication.

Participant in inaugural program at UAMS, with ongoing research in medical student empathy.

September 1996 - present

Preparation Date December, 2015

Medical School

University of Iowa College of Medicine
Iowa City, Iowa
Doctor of Medicine
1980 - 1984

Undergraduate Education

Iowa State University
Ames, Iowa
Bachelor of Science, Distributed Studies
1997 - 1980

Appointments**Academic Appointments****Professor of Ophthalmology**

Harvey & Bernice Jones Eye Institute
University of Arkansas for Medical Sciences
Little Rock, Arkansas 72205-7199
July 1, 2004-present

Associate Professor of Ophthalmology

Harvey & Bernice Jones Eye Institute
University of Arkansas for Medical Sciences
Little Rock, Arkansas 72205-7199
July 1, 1997 – July 1, 2003

Assistant Professor of Ophthalmology

Harvey & Bernice Jones Eye Institute
University of Arkansas for Medical Sciences
Little Rock, Arkansas
July 1, 1991 - July 1, 1997

Instructor, Department of Ophthalmology

University of Arkansas for Medical Sciences
Little Rock, Arkansas
July 1, 1990 - July 1, 1991

Hospital Appointments

University of Arkansas for Medical Sciences
Little Rock, Arkansas
July 1, 1990 - 2013

Arkansas Children's Hospital
University of Arkansas for Medical Sciences
Little Rock, Arkansas
July 1, 1990 - 2013

John L. McClellan Memorial Veterans Administration Hospital
Little Rock, Arkansas
July 1, 1993 - 2013

Employment

Little Rock Eye Clinic

Private Ophthalmology Practice
201 Executive Court, Suite A
Little Rock, AR 72205
November 1, 2015-present

Pleasant Valley Ophthalmology

Private ophthalmology practice
Little Rock, AR
November 2013-October 31, 2015

Arkansas Clinical Eye Research

Principal Investigator and Sole Proprietorship
2009-present

Wallace Eye Center

Private ophthalmology practice
One day per week
Hot Springs, AR
February 2014-present

Primary Care Physician

Med-Quick Medical Clinics
Little Rock, Arkansas
July 1, 1985 – January 1, 1987

Certification and Licensure

American Board of Ophthalmology, Fellow 1992
American Board of Ophthalmology, Diplomate, 1991
State of Arkansas Medical License #R-3568, 1985

Professional Memberships and Activities

American Academy of Ophthalmology (AAO)

Communications Secretariat for AAO-2014-present

Board of Trustees-The Board of Trustees is the policy-making body of the Academy. It determines the future direction of the organization and allocates the resources necessary to accomplish those objectives. The charge of the board is to manage and direct the business affairs of the Academy in furtherance of its mission and strategic goals. Only 15 members are on the board at any one time, elected from the membership of 20,000. January 2009-2012.

Chair, Awards Committee for AAO-identify and nominate individuals who fulfill the established criteria to receive the Achievement Award, Senior Achievement Award, Life Achievement Honor Award, Outstanding Humanitarian Service Award, Secretariat Award, and Outstanding Advocate Award. January 2010-2012

Executive Committee, AAO-January 2012

Nominating Committee, AAO- recommend to the Board of Trustees nominees for the elected members of the Board of Trustees. **2011**

Chair, Surgical Scope Fund Task Force-AAO National task force established to ensure patient safety. January 2007-2010

Chair, OphthPAC-AAO National Committee
January 2002 – December 2006

Secretariat for Federal Affairs, AAO January 2002 - 2010

Congressional Advocacy Committee, AAO, *ex-officio*
January, 2002 – December 2006

Arkansas Academy of Ophthalmology Representative
Councilor of the American Academy of Ophthalmology
Elected representative to the AAO for Arkansas
April 1996 - December 2001

OphthPAC Committee, AAO National Committee April 1998 – December 2006

Legislative Advocate, American Academy of Ophthalmology Key MD Program
AAO advocate for patient care and medical issues for a U.S. Congressman from the state of Arkansas.
1997 – Present

Chair, AAO Council Credentials Committee 2001

Chair, Tornado Belt Council Region, American Academy of Ophthalmology
1997, 2001, 2002

Fellow, American Academy of Ophthalmology
1992 - Present

Other National Organizations

Research to Prevent Blindness
1993 - Present

Women in Ophthalmology 1990 - Present

American Medical Association 1994-present

State Organizations

Arkansas Ophthalmological Society (AOS), Executive Committee
September 2004-2010

Arkansas Ophthalmological Society (AOS), President
September 2002 – September 2004

Arkansas Ophthalmological Society, President-Elect/Secretary-Treasurer
September 2000 - September 2002

Arkansas Medical Society, Delegate of Pulaski County Medical Society

Pulaski County Medical Society-Bylaws Committee
January 2003-2008

Arkansas Medical Society, Alternate Delegate
1998 - 2004

Doctor of the Day for State Legislators
Arkansas State Capitol
February 2001-2013

Director, Programs and Continuing Medical Education
Arkansas Ophthalmological Society-Determined content, speakers, location, menu and activities for AOS Annual Fall meeting, including receipt and payment of bills, as well as contact with speakers, hotel, and physicians.
1992 - 1995, 2001, 2005

Pulaski County Medical Society 1990-present

Awards

Secretariat Award, AAO, 2013-nominated by Federal Affairs

Senior Achievement Award-AAO, recognizing individuals for contributions to the AAO, 2012

135 Leading Ophthalmologists in America-Becker's ASC Review-based on awards, leadership, work on publications and positions of service.

Dean's Outpatient All-Stars list (~20 UAMS physicians named per quarter)- 4 quarters in 2010, 2012, 3 quarters in 2011, 1 quarter in 2013

Educational Excellence Award: educational incentive by Dean Fiser of UAMS for achievement of excellence in education 2011, 2012

Arkansas Times Best Doctors of Ophthalmology, 2011, 2012, 2013 and Glaucoma-2011

Best Doctors of American-2011, 2012, 2013, 2014

Committee Assignments and Administrative Services

Chief of Service of Ophthalmic Echography
Jones Eye Center
University of Arkansas for Medical Sciences
1990 – 2013

The UAMS Committee on Clinical Research
A committee established to contribute to strategic planning related to clinical research.
July, 2009-2013

Senior Advisory Council, UAMS

Council established by the Dean to help implement and review College of Medicine Professionalism Guidelines
November, 2009-2013

Department of Ophthalmology Resident Applicant Committee

University of Arkansas for Medical Sciences
July 1990 - 2010

Physician Medical Director, Department of Ophthalmology Clinical Research Committee

University of Arkansas for Medical Sciences
2000 - 2010

Women's Faculty Development Caucus, Executive Committee

University of Arkansas for Medical Sciences College of Medicine
1996 - 2013

Diagnostic Medical Sonography Advisory Committee

University of Arkansas for Medical Sciences
August 2002 - 2009

College of Medicine Admissions Committee

University of Arkansas for Medical Sciences
November 1998 - February 2001

President, Women's Faculty Development Caucus

University of Arkansas for Medical Sciences College of Medicine
February 1999 - February 2001

American Association of Medical Colleges College of Medicine Women's Liaison Officer

University of Arkansas for Medical Sciences
February 1999 - February 2001

Department of Ophthalmology Resident Curriculum Committee

University of Arkansas for Medical Sciences
1995 - 1998

Jones Eye Institute Administrative & Clinic Planning Committees

University of Arkansas for Medical Sciences
1992 - 1994

Interviewer for Medical School Applicants

University of Arkansas for Medical Sciences
1992 - 1998

Faculty Development Liaison Committee

University of Arkansas for Medical Sciences College of Medicine
September 1994 - June 1998

Co-chair, Student/Housestaff Committee

College of Medicine Women's Faculty Development Caucus
University of Arkansas for Medical Sciences
February 1994 - December 1998

Educational Activities

Dry Eye Science Writer's Guide Internal Review Panel. The AAO developed a science writer's guide for dry eye with my assistance, as an opportunity for the Academy to educate science writers and health care reporters about dry eye affliction, and to position itself as a dry eye champion.

The VIEW™ from Clinical Practice: State-of-the-Art Management of Chronic Dry Eye

Tuesday, May 30, 2006

On behalf of the National Eye Institute (NEI), the Office on Women's Health in the US Department of Health and Human Services (DHHS-OWH), and the Society for Women's Health Research. Faculty in a CME program developed from our scientific roundtable held in November, 2005. This program is a teleconference series:

The overall learning objectives of this program are to:

- Summarize and re-emphasize the chronic nature of dry eye and its implications on public health
- Differentiate between episodic and chronic dry eye
- Determine the thresholds for palliative vs active pharmacologic and mechanical interventions

Establish a continuum of care for successful management of chronic dry eye

Dry Eye Initiative Workshop I, Invited Participant for National Eye Institute

Interactive Technical Eye Care Forum, the purpose of which was to introduce a new NEI Dry Eye Initiative and discuss critical issues related to the development of both patient-reported and clinical outcome measures for dry eye clinical research.

April 2001

Program Planning Committee, Continuing Medical Education* Regional Symposia Series on Dry Eye Disease

With 8 other experts, developed and planned a symposia designed for ophthalmologists who wished to enhance their understanding of dry eye disease. The symposia were given nation-wide to practicing ophthalmologists, ophthalmology residents and faculty.

1999 - 2001

Program Director, Arkansas Ophthalmological Society, Four State Regional Meeting

Big Cedar Lodge, Missouri

For the states of Arkansas, Missouri, Oklahoma, Kansas

Directed and re-planned entire speaker program following the September 11, 2001 tragedy. September 13-15, 2001

Academic Advocacy Education, Jones Eye Institute

Initiated and presented American Academy of Ophthalmology sponsored Residency Advocacy Program, emphasizing the importance of grassroots communication with legislators to residents and faculty. Presentations also given by State Senator Jim Argue, and Arkansas Medical Society Legislative Advocate, Lyn Zeno. June 15, 2000

Arkansas Ophthalmological Society (AOS), Annual Fall Meeting

Ocular Vascular Disorders

Visiting Professor, Sohan Singh Hayreh, MD, MS, PhD, DSc, Professor of Ophthalmology, Director of Ocular Vascular Clinic, University of Iowa
Eureka Springs, Arkansas
October 5 - 7, 1995

Arkansas Ophthalmological Society, Annual Fall Meeting

Neuro-Ophthalmology

Visiting Professor, James Corbett, MD, Chairman and Professor of Neurology, Professor of Ophthalmology, University of Mississippi Medical School
Eureka Springs, Arkansas
September 29 - October 1, 1994

Arkansas Ophthalmological Society, Annual Fall Meeting

Update on Oculoplastics

Visiting Professor, John Shore, MD, Director of Eye Plastics and Orbit Service, Harvard Medical School
Hot Springs, Arkansas
September 23 - 25, 1993

Advocacy Course for Eye MD's: Urgent! How to Manage the Political Crisis in our Profession; AAO Las Vegas, November 13, 2006.

Multi-Specialty Panel Discussion: Panel for medical students supported by the Women's Faculty Development Caucus: UAMS, Little Rock, March 8, 2007.

Formal Mentor/Advisor Relationships

Mentor to Leann Linam, MD-Assistant professor of radiology-January, 2012-2013

Advisor to Monica Verma, M3

January 2004-2006

Advisor to Michele Lai, M3

March 2002 - 2003

Advisor to Timothy McGarity, M3 & M4

December 2000 – 2002

Mentor to Claire Bennett, M2-through UAMS Student Mentoring Program (Stacy Rudnicki, MD)

October 2005-present

Mentor to Kristin Jarred, MD, Assistant Professor of Rehabilitation Medicine

Women's Faculty Development Caucus Mentoring Program

September 2006-present

Mentor to Jerri Hoskyn, MD, Assistant Professor of Dermatology

Women's Faculty Development Caucus Mentoring Program

September 2004-2006

Mentor to Sandra Johnson, M.D., Assistant Professor of Dermatology,

Women's Faculty Development Caucus Mentoring Program

January 2000 - 2004

Mentor to Sylvia Angtuaco, M.D, Assistant Professor of Pediatric Cardiology

Women's Faculty Development Caucus Mentoring Program

January 2000 - 2001

Mentor to Maria Castro, Ph.D., Research Assistant Professor, Anesthesiology
Women's Faculty Development Caucus Mentoring Program
January 1999 - 2000

Mentor to Maxine Lee, M.D., Assistant Professor of Anesthesiology
Women's Faculty Development Mentoring Program
January 2000 - June 2000

Editorial Work

Reviewer: Journal of Cataract and Refractive Surgery March 2007-2013
Bone Marrow Transplantation-May 2007

Publications: Peer Reviewed

1. Rice CD, **Gray, LD**: Levator Myositis. Ophthalmic Plastic and Reconstructive Surgery; 4 (3)167-170:1988.
2. Brodsky M, Casteel H, **Barber L**, et al: Bilateral Iris Tumors in an Immunosuppressed Child. Survey of Ophthalmology 36:217-222, 1991.
3. Brodsky M, **Barber L**: Neuro-Ophthalmic Findings in the Asperger Disorder. Journal of Neuro-Ophthalmology 16:185-187, 1996.
4. Sall, Kenneth and the CsA Phase 3 Study Group (**include Barber, Laurie G, MD**). Two Multicenter, Randomized Studies of the Efficacy and Safety of Cyclosporine Ophthalmic Emulsion in Moderate to Severe Dry Eye Disease. Ophthalmology, 107:631-637, 2000.
5. Newton B, Savidge M, **Barber L**, Cleveland E, Clardy J, Beeman G: Changes in Medical Student Empathy. Academic Medicine, 75:1215, 2000.
6. Realini T, **Barber L**: Frequency of Asymmetric Intraocular Pressure Fluctuations Among Patients with and without Glaucoma. Ophthalmology, 109:1367-1371, July 2002.
7. **Barber, L**: Clinical Experience with Cyclosporine (Restasis) for Dry Eye. Refractive Eyecare for Ophthalmologists, 7:1, 30-31, March 2003
8. Realini T, Lai M, **Barber L**: Impact of Diabetes on Glaucoma Screening Using Frequency Doubling Perimetry. Ophthalmology, 111:2133-2136, November, 2004
9. **Barber L**, Pflugfelder S, Tauber J, Foulks G: Phase III Safety Evaluation of Cyclosporine 0.1% Ophthalmic Emulsion Administered Twice Daily to Dry Eye Disease Patients for up to 3 Years. Ophthalmology, 112:1790-1794, October, 2005
10. Newton, Bruce W. PhD; **Barber, Laurie MD**; Clardy, James MD; Cleveland, Elton MD; O'Sullivan, Patricia EdD: Is There Hardening of the Heart During Medical School? Academic Medicine:Volume 83(3)March 2008pp 244-249. **Lead article**

Other Publications

1. **Gray L**, Brown M: Transcutaneous Electrical Nerve stimulation as an Adjunct to Preoperative Anesthesia in Ophthalmic Surgery. Abstract. Investigative Ophthalmology and Visual Science 28:398, 1987.
2. Clardy, J, Beeman, G, **Barber, L**, Newton, B, Savidge, M, and Cleveland, C: Assessment of Empathy in Medical Students at the UAMS: Preliminary Results of a Longitudinal Study. 37th Annual Research in Medical Education Conference of the Association of American Medical Schools: The Southern Group of

- Educational Affairs. Abstract, 1998 Annual Meeting Program, p. 38.
3. Savidge, M, Newton, B, **Barber, L**, Cleveland, E, Clardy, J, Hart, T: A Longitudinal Assessment of Empathy Among Medical Students. Abstract, Annual Meeting of the American Educational Research Association, New Orleans, LA, 2000.
 4. **Barber L**: Treatment of Dry Eye Disease. Ocular Drug and Surgical Therapy Update Program, February 2001, pg. 63-65.
 5. **Barber L**, Newton B, Clardy J, Savidge M, Cleveland E, O'Sullivan P: Changes in Student Empathy during Three Years of Medical Education. Abstract, Southern Group on Educational Affairs Annual Meeting, March 2001.
 6. Realini T, **Barber L**: Independence of Intraocular Pressure between Fellow Eyes. Abstract, Association for Research in Vision and Ophthalmology, Investigative Ophthalmology and Visual Science, Vol. 42, No.4, March, 2001.
 7. Newton B, **Barber L**, Savidge M, Clardy J, Cleveland E: Medical Student Empathy Decreases During the Basic Science and Clinical Years. Abstract, International Association of Medical Science Educators, Mayo Clinic, Rochester, MN, July 2001.
 8. McGarity, T, **Barber L**: Ultrasound Findings in a Patient with Primary Orbital Hemangiopericytoma. Journal of the Arkansas Medical Society, 12:412-413, June 2002.
 9. Clardy, J, **Barber, L**, Cleveland, E, Savidge, M, O'Sullivan, P, Newton, B: Medical Student Empathy Changes: Explanations and Interventions. Research in Medical Education Conference for the Association of American Medical Schools: The Southern Group on Educational Affairs. Abstract, Annual Meeting Program. Charleston, SC, March 2002.
 10. Newton, B, Cleveland, E, Savidge, M, Barber, L, Clardy, J, O'Sullivan, P: How Empathetic are they? A longitudinal interpretive look at innate empathy in the medical school class of 2002. Abstract, 6th Annual Meeting of the International Association of Medical Science Educators. Guadalajara, Mexico, July 2002.
 11. **Barber L**, Lai M, Realini T: Effects of Diabetes on Frequency Doubling Perimetry. Abstract, Association for Research in Vision and Ophthalmology, Investigative Ophthalmology and Investigative Research, March 2003.
 12. **Barber L**, Durham T, et al: Effect of Diquafosol on Worst Symptoms of Dry Eye Patients: Focus on Photophobia. Abstract, Association for Research in Vision and Ophthalmology, Investigative Ophthalmology and Investigative Research, May 2004
 13. **Barber, L**. Cyclosporine for a Dry Eye Contact Lens Patient. Review of Ophthalmology XIII, no 7, July 2004.
 14. **Barber, L**. Restasis: Not just for Severe Dry Eye. Ophthalmology Management, Vol. 8, no 5, May 2004.
 15. **Barber, L**. Ocular Allergy and Dry Eye: Differential Diagnosis. Ocular Allergy/Current Clinical Practice, vol 1, Number 2, September 2004
 16. **Barber, L**. Chronic Dry Eye and the Sjogren's Syndrome Patient. The Moisture Seekers, Sjogren's Syndrome Foundation Newsletter, Lead story, vol 23, issue 2, February 2005
 17. **Barber, L**. Dry Eye: Closing the Treatment Gap. Cover story for Review of Ophthalmology, volume 13, number 11, November 2006.
 18. **Newton, B.W.**, J. Clardy, L. Barber and E. Cleveland (2007) Who Has Heart? Vicarious Empathy Vs Specialty Choice. 11th Annual Meeting of the International Association of Medical and Science Educators. 2007 Annual Meeting, Cleveland.

Oral Presentations

1. **Barber, L**; Ocular Surface Disease: Dissection Patient Perspectives. AAO, Dinner CME Presentation, ASiM, Chicago, 2014.
2. Barber, L: "Omega 3 in Human Tears", Table Rock Regional Round Up, Branson, MO, September, 2012

3. **Barber, L:** “Ocular Surface Disorders: Allergy and Dry Eye”, Invited lectureship, University of Ottawa Eye Institute, January, 2012
4. **Barber, L:** “Successful Promotion of Part-Time Academic Faculty” November 2, 2010 Presented at UAMS, Broadcast to ACH Chairman’s Hall
5. **Barber, L:** “Advocacy Update”, Table Rock Regional Round Up, Branson, MO, Sept. 2010
6. **Barber, L:** “Surgical Scope Fund Update”, AAO, Orlando, FL, October, 2010
7. **Barber, L:** “Ocular Surface Inflammation: Exploring New Methods of Therapy”, JEI Ophthalmology Research Seminary Series, August, 2010
8. **Barber, L:** “Eye safety and fireworks protection” Guest appearance on Channel 7’s MidDay and DayBreak, Little Rock, AR. Tuesday, June 29, 2010
9. **Barber, L:** “Itchy/Burning Eyes: Desert Dry or Tropically Allergic? The differential diagnosis of dry eye versus allergies” Little Rock Air Force Base Outreach CME, Jacksonville, AR February, 2010
10. **Barber, L:** “Dual Career Couples”, Faculty Development Presentation, Little Rock, AR. January, 2010.
11. **Barber, L:** “The Ins and Outs of Blepharitis: The importance of Diagnosis and Treatment Options”. Ophthalmology Research Seminar Series, Little Rock, AR, Feb 2008
12. **Barber, L:** “Chronic Dry Eye Evolving Definitions, Treatment Paradigms, Clinical Data”. UAMS Outreach Seminars, Jonesboro, AR, December, 2007
13. **Barber, L:** “The Ocular Surface and Hypertonic Stress: A Different Approach to Artificial Tears” JEI Resident Day presentation, May, 2007
14. **Barber, L:** “Clinically Differentiating Ocular Surface Inflammatory Conditions” The Inflammation and Ocular Surface Focus Group, International group of experts of ocular surface. Paris, France. June, 2007
15. **Barber, L:** “Understanding Dry Eye: Applying Best Practices in the Clinic”, Royal Hawaiian Eye, January, 2007
16. **Barber, L:** Sjogren’s Syndrome Foundation Dry Eye Teleconference Series, National call with 120 SS patients from 10 eastern states, May 2005.
17. **Barber, L:** Pivotal Phase III Trials, Allergy Medications: Elestat Speaker Training meeting, Invited Faculty Presenter, Jacksonville, FL, February 2005
18. **Barber, L, Chu, R:** Emerging Trends in the Successful Diagnosis and Treatment of Chronic Dry Eye Disease, Chicago, IL, March 2005
19. **Barber, L, Roberts, C:** *Emerging Trends in the Successful Diagnosis and Treatment of Chronic Dry Eye Disease*, Miami, FL, March 2005
20. **Barber L, Pflugfelder, S:** *Emerging Trends in the Successful Diagnosis and Treatment of Chronic Dry Eye Disease*, Detroit, MI, April 2005
21. **Barber L:** *Allergic Conjunctivitis versus Dry Eye: Differential Diagnosis and Treatment*. Invited presenter, Dallas, TX and Little Rock, AR, April 2005
22. **Barber, L:** *Emerging Trends in the Successful Diagnosis and Treatment of Chronic Dry Eye Disease*, CME Web Teleconference, national conference, May 2005
23. **Barber, L, Harper, R:** “Dysfunctional Tear Syndrome in Older Adults”, Vision in Older Adults, video teleconference for the Arkansas Geriatric Education Center, February 2005.
24. **Barber, L:** Effect of Diquafosol on Worst Symptom of Dry Eye Patients: Focus on Photophobia. *Jones Eye Institute, Annual Resident’s Day*. Little Rock, AR., May 2004
25. **Barber, L, Pflugfelder, S, Tauber, J, Foulks, G:** A Multi-Center, Open-Label, Phase 3 Study Evaluating the Safety of Cyclosporine 0.1% Ophthalmic Emulsion Used Twice Daily for Up to Four Years. American Academy of Ophthalmology Scientific Presentation, New Orleans, LA, October 2004
26. **Barber, L:** Treatment for Non-Allergic Inflammatory Eye Diseases. Invited lecturer, *American College of Allergy, Asthma and Immunology*. New Orleans, LA. November 2003.

27. **Barber, L:** Personal Involvement in the Political Process and Policy, *AMA Ophthalmology Section Council Symposium for the American Academy of Ophthalmology*, Anaheim, CA. November 2003.
28. **Barber, L** and Stern, ME. The Science of the Dry Eye: *Updated Paradigms and New Therapeutics. Continuing Medical Education conference, Jones Eye Institute.* Little Rock, AR. September 2003
29. **Barber, L,** Aikens, M, Cooper, G. Political Advocacy: RX for Academic Medicine and Patient Care. *Successful Strategies for Women in Academic Medicine, Southern Regional Leadership Conference.* Memphis, TN. September 2003
30. **Barber, L,** Cross, W, Battat, L. Restasis: What to Expect in Clinical Practice. *ASCRS Educational Forum, ASCRS.* San Francisco, CA, April 2003
31. **Barber, L.** Cyclosporine in the Treatment of Dry Eye Disease. *Rheumatology Advisory Board.* Santa Monica, CA. April 2003
32. **Barber, L.** New Therapeutic Directions in the Treatment of Dry Eye Disease. *Continuing Medical Education Teleconference Series by the National Association of Managed Care Physicians.* April-June 2003
33. Newton, B, Cleveland, E, Savidge, M, **Barber, L,** Clardy, J, O'Sullivan, P. How empathetic are they? A longitudinal interpretive look at innate empathy in the medical school class of 2002. *6th Annual Meeting of the International Association of Medical Science Educators.* 2002 Annual Meeting, Guadalajara, Mexico. July 2002.
34. **Barber, L.** Medical Student Empathy Changes: Explanations and Interventions. *AAMC Southern Group on Educational Affairs, Facilitator, Round-Table Discussion* Charlottesville, SC March 2002.
35. **Barber, L.** Built to Last, Why Early Mentoring will Help Promote a Profession *Mid Year Forum, American Academy of Ophthalmology, Panelist.* Washington, DC April 2002.
36. **Barber, L.** OphthPAC presentation. *Council of the American Academy of Ophthalmology.* Washington, DC. April 2002.
37. **Barber, L.** Treatment for Dry Eye Disease. *The Arkansas Ophthalmological Society Four State Regional Meeting.* Big Cedar Lodge, Missouri. September 2001.
38. **Barber, L.** Ethics, Informed Consent and Ethic, Interacting with Patients. *Ophthalmic Medical Technology Series.* Lecturer. UAMS, October 2001.
39. **Barber, L.,** Clardy J, Savidge M, Cleveland E, Sullivan P, Newton B. Medical Student Empathy Changes during Three Years of Medical Education. *Annual Ophthalmology Resident's Day Seminar Presentation.* Jones Eye Institute, University of Arkansas for Medical Sciences. Little Rock, Arkansas. May 2001.
40. Burton D., Realini T., **Barber L.** Frequency of Asymmetric Intraocular Pressure Fluctuations Among Patients with and without Glaucoma. Jones Eye Institute, University of Arkansas, Little Rock, Arkansas. May 2001.
41. **Barber L.,** Clardy J, Cleveland E, Savidge M, Sullivan P, Newton, B. Changes in Student Empathy during Three Years of Medical Education. *AAMC Southern Group on Educational Affairs.* Little Rock, Arkansas. March 2001.
42. **Barber, L.** Treatment of Dry Eye Disease. *Ocular Drug and Surgical Therapy Update, Faculty Member and Presenter.* Laguna Niguel, CA. February 2001.
43. **Barber, L.** Lectures: 1. Ultrasound; 2. Ultrasound Lab, and 3. Ocular Lubricants. *Ophthalmic Technology Lecture Series.* University of Arkansas for Medical Sciences, Little Rock, Arkansas. November 2000.
44. **Barber, L,** Perry H, Donishik P. A New Direction in Dry Eye Disease. *Oxford Institute of Continuing Education,* New York, New York. Faculty Presenter and Program Planning Committee. November 1999.
45. **Barber, L.** New Perspectives on Dry Eye Disease. *Annual Ophthalmology Resident's Day Seminar.* University of Arkansas for Medical Sciences, Little Rock, Arkansas. May 1999.

46. **Barber, L.** Comprehensive Ophthalmology and Ultrasonography. Surgery Interest Group Luncheon, University of Arkansas for Medical Sciences, Little Rock, Arkansas. Winter 1999 - 2000.
47. **Barber, L.** Ophthalmic Ultrasound: Helping Ophthalmologists with Diagnosis. Harvey & Bernice Jones Eye Institute Advisory Board Meeting. University of Arkansas for Medical Sciences, Little Rock, Arkansas. October 16, 1998.
48. **Barber, L.,** Clardy J, Cleveland E, Beeman G. Assessment of Empathy of UAMS Undergraduate Medical Students as Measured by the Balanced Emotional Empathy Scale of Mehrabian: First Year Survey Results. *UAMS Teaching Scholars Medical Education Research Project Summary Concluding Presentation.* December 1, 1998.
49. **Barber, L,** Newton B, Clardy J, Cleveland E, Beeman, G. Assessment of Empathy of UAMS Undergraduate Medical Students as measured by the Balanced Emotional Empathy Scale of Mehrabian: A Longitudinal Study. *Annual Ophthalmology Resident's Day Seminar Presentation.* University of Arkansas for Medical Sciences, Little Rock, Arkansas. May 22, 1997.

Little Rock Civic & Community Service

Stewardship Committee, Trinity Methodist Church, Little Rock, AR 2007-2010
Committee for the Medically Underserved, American Academy of Ophthalmology
 1995 - 1997
Chair, Human Relations Committee, Jefferson Elementary PTA
 1999 – 2000, 2003
Past President, PEO (a philanthropic educational organization for women)
 And current member

Research Activities

Principal Investigator: EBI-005-3, A Multicenter, Double-Masked, Randomized, Controlled, Efficacy and Safety Study of EBI-005 5 mg/ml Topical Ophthalmic Solution versus Vehicle Control in Subjects with Moderate to Severe Dry Disease. Funded by Eleven Biotherapeutics for \$51,000 for screening 11 patients and enrolling 8. March 2014-March 2015.

Principal Investigator and Study Consultant: Dry Eye Burden of Illness Study. Funded by Allergan for \$15,000 for 15 surveys completed. April 2014-October 2014

Principal Investigator: A Phase 3 Study to Determine the Efficacy and Safety of Rebamipide in Subjects with Dry Eye Syndrome. Acucela Inc. \$159,900.00 for screening/enrolling up to 30 subjects, 2012-2013

Principal Investigator: “Ophthalmic Testosterone for the Treatment of Meibomian Gland Dysfunction, Allergan, Inc. \$182,631.00 for 18 patients enrolled 2012-2013

Principal Investigator: “Fish Oil Supplementation for Treatment of Dry Eye Disease: Human Tear Content of Omega-3 Fatty Acid”. Awarded \$14, 042 from the Medical Research Endowment Fund, University Research Committee, UAMS. November, 2011.

Principal Investigator: A Multi-Center, Prospective, Observational Study of the **PR**ogression **O**f **O**cular **F**indings in Patients With Dry Eye Disease. Funded by Allergan Pharmaceuticals for \$63, 050 for 25 patients enrolled. 2009-present.

Principal Investigator: A Multi-Center, Parallel-Group, Double-Masked, Randomized, Placebo-Controlled Study of the Effects of diquafosol tetrasodium Ophthalmic Solution, 2% in Subjects with Dry Eye Disease and a Central Corneal Staining Score of 3 (NEI Scale) 03-113. Funded by Inspire Pharmaceuticals for \$56,100 for 9 patients enrolled. January-December, 2009.

Principal Investigator: A Randomized, Multi-Center, Double-Masked, Placebo-Controlled, Parallel-Group Safety and Efficacy Study of Azithromycin Ophthalmic Solution, 1% versus Placebo for Two Weeks in Subjects with Blepharitis. Funded by Inspire Pharmaceuticals for \$40,950 for 12 patients enrolled. June-December, 2009

Principal Investigator: A Multi-Center, Prospective, Observational Study of the Progression Of Ocular Findings in patients With Dry Eye Disease. Funded by Allergan Pharmaceuticals for \$84,739.80 for 25 patients. December, 2009-present

Principal Investigator: A Multi-Center, Double-Masked, Randomized, Parallel-Group Study to Compare the Efficacy and Safety of an Investigational Multi-Dose Lubricant Eye Drop with Refresh Tears and Systane Lubricant Eye Drops for Three Months in Subjects with Dry Eye. Funded by Allergan Pharmaceuticals for \$49,000 for 25 patients enrolled.

Ophthalmology Sub-Investigator: A randomized study of the safety and efficacy of FG-2216 in subjects with renal anemia not requiring dialysis and not receiving recombinant human erythropoietin Principal Investigator: Michelle Krause. Funded by FibroGen, Inc for \$500/patient for exam and photos

Co-investigator. A Study to Evaluate the Clinical and Microbial Efficacy of 0.6% ISV-403 Compared to Vigamox™ in the Treatment of Bacterial Conjunctivitis. Principal Investigator: Romona Davis, MD

Principal Investigator: A Multi-Center, Double-Masked, Randomized, Parallel-Group Study to Compare the Efficacy and Safety of an Investigational Multi-Dose Lubricant Eye Drop with Refresh Tears and Systane Lubricant Eye Drops for Three Months in Subjects with Dry Eye. Funded by Allergan Pharmaceuticals for \$49,000 for 25 patients enrolled.

Ophthalmology Sub-Investigator: A randomized study of the safety and efficacy of FG-2216 in subjects with renal anemia not requiring dialysis and not receiving recombinant human erythropoietin Principal Investigator: Michelle Krause. Funded by FibroGen, Inc for \$500/patient for exam and photos

Co-investigator. Integration of Tobacco Cessation into Ophthalmic Clinic Care Delivery. Request for Medical Research Endowment Fund Awards. Michael E. Anders, PhD, principal investigator.

Principal Investigator: Rebamipide Ophthalmic Suspension in the Treatment of Dry Eye: A Multicenter, Phase 3, Randomized, Double-masked, Placebo-controlled, Parallel-group, 26 week Study, June 2004-2006. Funded by Otsuka Maryland Research Institute, Inc for \$32,352 based on 12 patients enrolled.

Principal Investigator: A Multi-Center, Parallel Group, Double-Masked, Randomized Placebo-Controlled Study of Multiple Ocular Instillations of Diquafosol Tetrasodium Ophthalmic Solution, 2% in Subjects with Dry Eye Disease, June 2004-2005. Funded by Inspire Pharmaceuticals for \$60,000 based on 15 patients enrolled.

Principal Investigator: A Multi-Center, Parallel, Randomized, double-masked, Vehicle-controlled, Dose-ranging study to Evaluate the Safety, Tolerability and Efficacy of Testosterone 0.01%, 0.1%, and 0.3% Ophthalmic Solutions Administered Twice Daily for Up to 6 Months in Patients with Meibomian Gland Dysfunction (MGD), August 2003. Funded by Allergan Pharmaceutical for \$53,350 based on 14 patients enrolled.

Primary Investigator: A Multi-Center, Parallel, Randomized, Double-Masked, Vehicle-Controlled, Dose-Ranging Study to Evaluate the Safety, Tolerability and Efficacy of Testosterone 0.01%, 0.1%, and 0.3% Ophthalmic Solutions Administered Twice Daily for 16 weeks in Patients with Keratoconjunctivitis Sicca (KCS), September 2001 – 2004. Funded by Allergan Pharmaceutical for \$62, 250 based on 15 patients enrolled.

Primary Investigator: A Multi-Center, Double-Masked, Randomized, Placebo-controlled, Dose-Ranging Study of Multiple Ocular Instillations of INS365 Ophthalmic Solution vs. Placebo in Subjects with Dry Eye Disease, March 2001 – June 2004. Funded by Inspire Pharmaceutical, Inc. for \$68, 912 based on 15 patients enrolled.

Primary Investigator: A Multi-Center, Double- Masked, Randomized, Vehicle-controlled, Parallel-Group Study of the Safety and Efficacy of Cyclosporine Ophthalmic Emulsion vs. artificial tears used Twice Daily for Up to Six Months in Increasing Daily Lens Comfort and Daily Wear Time Among Hydrogel Contact Lens Wearers with Mild to Moderate Keratoconjunctivitis Sicca. June 2000 – 2002. Funded by Allergan Pharmaceutical for \$38, 537 based on 25 patients enrolled.

Primary Investigator: A Multi-Center, Open-label, Phase 3 Study Extension Evaluating the Safety of an Ophthalmic Emulsion of Cyclosporine 0.1% Used Twice Daily for One Additional Year in Patients with Moderate to Severe Keratoconjunctivitis Sicca Previously Dosed for 6 to 12 months. 1998 – 1999. Funded by Allergan Pharmaceutical for \$6,337.50.

Co-Investigator: A Multi-Center, Double-Masked, Randomized, 3-Arm Parallel Study, for 3 months (with a 9-month, Masked Extension) of the Safety and Efficacy of Bimatoprost 0.03%/Timolol 0.5% Combination Ophthalmic Solution Once Daily compared with Timolol 0.5% Monotherapy Twice Daily and Bimatoprost 0.03% Monotherapy Once Daily in Patients with Glaucoma or Ocular Hypertension. Funded by Allergan Pharmaceutical for \$159,000 based on 32 patients enrolled (\$51, 070 at end of study).

Co-Investigator: Interocular Variations in intraocular Pressure in Normal Glaucomatous Eyes. Clinical Study with Tony Realini, MD. Published July 2002.

Principal Investigator: A Three-Month, Randomized, Double-Masked, Parallel Group, Primary Therapy Study, with a Planned Nine-Month Extension, of the Safety and IOP-Lowering Efficacy of Brimonidine Tartrate ophthalmic Solution, 0.15% Compared to ALPHAGAN-P, 0.15% in Patients with Open-Angle Glaucoma. Funded by Alcon Pharmaceutical

Ophthalmic Participant: Sub-Study for Human Genome Sciences Mucositis KGF2.

Principal Investigator: A Multi-Center, Parallel, Randomized, double-Masked, Vehicle-Controlled, Dose-Ranging Study to Evaluate the Safety, Tolerability and Efficacy of Testosterone 0.01%, 0.1%, and 0.3% Ophthalmic Solutions Administered Twice Daily for 16 weeks in Patients with Keratoconjunctivitis Sicca (KCS), September 2001- February 2003. Funded by Allergan Pharmaceutical.

Principal Investigator: Effects of Diabetic Retinopathy on Frequency Doubling Perimetry. Research to evaluate whether this quick, painless study would be of benefit in screening for diabetic retinopathy. June 2002-May 2003. Self-funded.

Principal Investigator: A Multi-center, Double-Masked, Randomized, Placebo-controlled, Dose-Ranging Study of Multiple Ocular Instillations of INS365 Ophthalmic Solution vs. Placebo in Subjects with Dry Eye Disease, March 2001-May 2002. Funded by Inspire Pharmaceutical, Inc.

Principal Investigator: A Multicenter, Double-masked, Randomized, Vehicle-controlled, Parallel-Group Study of the Safety and Efficacy of Ophthalmic Emulsion vs. artificial tears used Twice Daily for Up to Six Months in Increasing Daily Lens Comfort and Daily Wear Time Among Hydrogel Contact Lens Wearers with Mild to Moderate Keratoconjunctivitis Sicca. June 2001-2002. Funded by Allergan Pharmaceutical.

Principal Investigator: A Multicenter, Open-label, Phase 3 Study Extension Evaluating the Safety of Cyclosporine Ophthalmic Emulsion Used Twice Daily for One Additional Year in Patients with Moderate to Severe Keratoconjunctivitis Sicca Previously Dosed for 6 to 12 months, 1998-March 2002. Funded by Allergan Pharmaceutical.

Co-Investigator: Interocular Variations in Intraocular Pressure in Normal and Glaucomatous Eyes. Clinical Study with Tony Realini, MD. Published July, 2002.

Principal Investigator: A Multicenter, Double-masked, Randomized, Vehicle-controlled, Parallel-group Study of the Safety and Efficacy of Cyclosporine Ophthalmic Emulsions Used Twice Daily for Up to One Year in Patients with Moderate to Severe Keratoconjunctivitis Sicca, 1997 – 1999. Funded by Allergan Pharmaceutical.

Ophthalmic participant: Randomized, double-blind, Phase III comparative trial of 2 doses of ZD1839 in combination with paclitaxel and carboplatin versus placebo in combination with paclitaxel and carboplatin in chemotherapy-naïve patients with advanced non-small cell lung cancer. July 2000-present.

Ophthalmic participant: Phase I/IIa exploratory multiple-dose level pharmacokinetic and pharmacodynamic trial of ZD1839 in subjects with 5 selected tumor types known to over-express Epidermal Growth Factor Receptor (EGFR), 1999.

Ophthalmic participant in a multicenter, double blind, placebo-controlled evaluation of Pilocarpine HCl in head and neck cancer patients for the treatment of xerostomia associated with radiation-induced salivary gland hypofunction. James Suen, MD, Professor and Chairman, Department of Otolaryngology, primary investigator for UAMS, 1990-1993.

Ophthalmic participant: Multicenter, double-blind, placebo-controlled clinical trial to determine the worth of Tamoxifen for preventing breast cancer in high-risk women. Suzanne Klimberg, MD, Assistant Professor and Chief of the Breast Oncology Service, primary investigator for UAMS, 1995- present.