

IDENTIFYING INFORMATION

Larry J. Davis, O.D., F.A.A.O

Dean (*retired*)

Associate Professor of Optometry

UM - St. Louis - College of Optometry

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EDUCATION AND TRAINING

Associate in Science, Lincoln Land Community College, 1981

Bachelor of Visual Science, Indiana University - School of Optometry, 1985

Doctor of Optometry, Indiana University-School of Optometry, 1987

Resident, University of Missouri-St. Louis School of Optometry July 1987-

July 1988

Epidemiology and Biostatistics Course sponsored by the National Eye Institute, completed April 1991

Summer Research Institute sponsored by the American Academy of Optometry and the American Optometric Association. August 1994.

University of Missouri Leadership Development Program for Department Chairs, 2000-01

FASHP leadership program for administrators of health professions training programs 2002-03

EMPLOYMENT HISTORY

June 1999-Present-Associate Professor of Optometry, UM-St Louis- College of Optometry, St Louis, Missouri,
Member Doctoral Faculty, 1997-present.

July 2002-August 31, 2022, Dean College of Optometry, St. Louis, Missouri

August 2000-July 2002 Interim Dean School of Optometry, St. Louis, Missouri.

April 2000- August 2000 Acting Dean School of Optometry, St Louis, Missouri

July 1993 to June 1999 - Assistant Professor of Optometry, UM - St. Louis - School of Optometry, St. Louis,
Missouri.

July 1993 to June 1995- Adjunct Assistant Professor, Department of Ophthalmology, St. Louis University, St.
Louis, Missouri.

December 1991 to July 1993 - Assistant Professor of Ophthalmology, St. Louis University School of Medicine,
St. Louis, Missouri

July 1988 to December 1991 - Instructor of Ophthalmology, St. Louis University School of Medicine, St. Louis,
Missouri

September 1988 to July 1993 - Adjunct Assistant Professor at the University of Missouri - St. Louis School of
Optometry, St. Louis, Missouri

July 1988 to July 1991 - Lecturer, Certified Ophthalmic Technician course, St. Louis University School of
Medicine, St. Louis, Missouri

July 1987 to July 1988 - Clinical Assistant Professor - Contact Lens Resident at the University of Missouri - School
of Optometry, St. Louis, Missouri

July 1987 to July 1988 - North County Eye Center, Florissant, Missouri

June 1988 to July 1988 - Adjunct Assistant Professor, Lindenwood College, St. Charles, Missouri

August 1986 to December 1986 - Graduate Assistant, Diagnostic Procedures, Indiana University - School of
Optometry, Bloomington, Indiana

August 1985 to December 1986 - Graduate Assistant, Ophthalmic Optics, Indiana University-School of Optometry,
Bloomington, Indiana

ORGANIZATION MEMBERSHIPS AND PROFESSIONAL SERVICE

American Optometric Association
American Optometric Association Contact Lens Section
Association for Research and Vision in Ophthalmology
Missouri Optometric Association
Member of Legislative Committee 1994, 1995, 1996, 1997
American Academy of Optometry (Diplomate, Cornea and Contact Lenses)
Treasurer Heart of America Chapter 1995-98
Member, Scientific Program Committee, 1997-2004
St. Louis Optometric Society
Sergeant at Arms, 1994-95, Treasurer 1995-96, Secretary 1996-97,
Vice President 1997-98, President 1998-99.
Heart of America Contact Lens Society
Member Board of Directors, 2006 to 2012, President 2011-12
Gateway Eye Care Network
Vice-President, 1994-95
Barnes Eye Care Network
Member Continuing Education Committee, 1994-95
Board of Directors, Association of Schools and Colleges of Optometry 2000-present
President 2005-06
President's Initiative, established first Summer Institute for Faculty Development (SIFD)
National Board of Examiners in Optometry (NBEO) 2006-2014
President 2011
AOA 2020 Summit Participant 2006
Optometry's Joint Board Certification Project Team 2007-2009

LICENSES HELD

Missouri (August 1987)
Illinois *Inactive* (January 1992)

AWARDS

Vision Service Award, Heart of America Eye Care Congress, February 2023
Optometrist of the Year, Missouri Optometric Association, October 2022
Foley House Basement Key Alumni Award, Indiana University School of Optometry, December 2019
Elected to the National Academy of Practice in Optometry as Distinguished Scholar, 2009
Distinguished Optometrist of the Year, St. Louis Optometric Society, 2002
Outstanding Optometric Educator of The Year UM-St Louis, 1999
Diplomate, American Academy of Optometry, 1997
Optometrist of the Year, St Louis Optometric Society, 1994
MOA Continuing Education Recognition Award, 1993
Included in the 24th edition of Who's Who in the Midwest, February 1994
Fellow, American Academy of Optometry, 1991
Barnes-Hind Student Recognition Award, Indiana University-School of Optometry, 1987
John P. Davey Award, Indiana University-School of Optometry, 1987
Nikon Scholar Award, Indiana University-School of Optometry, 1984

PUBLICATIONS

Refereed Articles

Diefenbach CB, Siebert CK, **Davis LJ**. "An Analysis of Two Home Remedy Contact Lens Cleaners" J Am Optom Assoc. 1988; 59(7): 518-521.

REFEREED ARTICLES continued

Nelson JM, Huff JW, Bennett ES, **Davis LJ**. "Evaluation of variance in oxygen transmission in rigid extended wear." CLAO 1989; 15(2): 125-133.

Davis LJ, Auker TA. "Should worn hydrogel lenses be saved?" Int Contact Lens Clin. 1989; 16(6) 176-177.

Berry B, Lachtrup M, Henry VA, Bennett ES, **Davis LJ**, Morgan BW. "Optima 38 versus Optima EW: A Daily Wear Comparison Study." Int Contact Lens Clin. 1989; 16(11,12): 327-332.

Davis LJ, Dresner MS. A comparison of the EH-270 corneal topographer with conventional keratotomy. CLAO J, 1991; 17(3): 191-196.

Davis LJ, Paragina S, Kincaid MC. Mascara Pigmentation of the Bulbar Conjunctiva Associated with Rigid Gas Permeable Lens Wear. Optom Vis Sci 1992; 69(1):66-71.

Davis LJ, Barr JT, VanOtteren D. "Transient Rigid Lens Induced Striae in Keratoconus." Optom Vis Sci 1993; 70(3):216-219

Davis LJ, Corneal Warpage Secondary to Chalazion: Analysis of Corneal Topography. Clin Eye Vis Care. 1993; 5(3):104-109.

Davis LJ, Rigid gas permeable extended wear (RGPEW) for the postoperative patient. A Review and Clinical Observations. J Am Optom Assoc. 1994; 65(3): 179-86.

Davis LJ, Lens hygiene and care system contamination of asymptomatic rigid gas permeable contact lens wearers. Int Contact Lens Clin. 1995; 22(9-10):217-221.

Edrington TB, Barr JT, Zadnik K, **Davis LJ**, Gundel RE, Libassi DP, McMahon TT, Gordon MO. Standardized rigid contact lens fitting protocol for keratoconus. Optom Vis Sci. 1996; 73(6):369-375.

Davis LJ, Tap water versus saline rinsing of rigid gas permeable contact lenses: Comparative case contamination and patient attitudes. Int Contact Lens Clin. 1996;23(5):177-182.

Gundel RE, Libassi DP, Zadnik K, Barr JT, **Davis LJ**, McMahon TT, Edrington TB, Gordon MO. Feasibility of fitting contact lenses with apical clearance in keratoconus. Optom Vis Sci. 1996; 73(12):729-732.

Davis LJ, Keratoconus: Current understanding of diagnosis and management. Clin Eye Vis Care. 1997;9(1):13-22.

Gordon MO, Schechtman KB, **Davis LJ**, McMahon TT, Schornak J, Zadnik K and the CLEK Study Group. Visual acuity repeatability in keratoconus: impact on sample size. Optom Vis Sci. 1998;75(4):249-57.

Davis LJ. Complex refractive errors in pediatric patients: etiology, management and criteria for success. Optom Vis Sci. 1998;75(7):493-499

Davis LJ, Schechtman KB, Begley CB, Shin JA, Zadnik K, and the CLEK Study Group. Repeatability of refraction and corrected visual acuity in keratoconus. Optom Vis Sci. 1998;75(12): 887-896.

Raasch TW, Schechtman KB, **Davis LJ**, Zadnik KZ and the CLEK Study Group. Repeatability of subjective refraction in myopic and keratoconic subjects: Results of vector analysis. Ophthalmic and Physiological Optics. 2001; 21(5): 376-83.

Begley CB, Chalmers RL, Mitchell GL, Nichols KK, Caffery B, Simpson T, DuToit R, Portello J, **Davis LJ**. Characterization of ocular surface symptoms from optometric practices in North America. Cornea. 2001; 20(6):610-18.

McMahon TT, Anderson R, Roberts C, Mahmoud A, Szczotka L, Raasch T, Friedman N, **Davis LJ**, CLEK Study Group. Repeatability of Corneal Topography Measurement in Keratoconus with the TMS-1, Optom and Vis Sci. 2005; 82(5): 405-15.

REFEREED ARTICLES continued

McMahon TT, Edrington T, Szczotka-Flynn L, Olafsson H, **Davis, LJ**, Schechtman K, CLEK Study Group Longitudinal Changes in Corneal Curvature in Keratoconus. Cornea. 2006; 25(3):296-305.

Davis L, Schechtman K, Wilson B, Rosenstie, C, Riley C, Libassi D, Gundel R, Rosenberg L, Gordon M, Zadnik K, CLEK study Group. Longitudinal Changes in Visual Acuity in Keratoconus. Invest Ophthalmol Vis Sci. 2006;47(2): 489-500.

Other Publications

Bennett ES, Henry VA, **Davis LJ**, Kirby S. "Comparing empirical and diagnostic fitting of daily wear fluoro-silicone/acrylate lenses." Contact Lens Forum 1989; 14(3):38-44.

Davis LJ. "Index of Refraction." (Letter) CLAO. 1989; 15(3):166.

Jones DH, Bennett ES, **Davis LJ**. "How to manage peripheral corneal desiccation." Contact Lens Spectrum. 1989; 4(5):63-66.

Davis LJ, Bennett ES, "Observation of Fluorescein Patterns in UV-Absorbing Rigid Contact Lenses." Contact Lens Spectrum. 1989; 4(8):49-54.

Davis LJ. Third party contact lens dispensing. In Reader's View Contact Lens Spectrum. 1992; 7(5):45-6.

Davis LJ. Aniseikonia with Intraocular Lenses. (Letter) Optom Vis Sci. 1993;70(7):608.

Davis LJ, Orthokeratology: One component in a comprehensive refractive modification service. Ocular Surgery News November, 1995.

Davis, LJ. Keratoconus: Update for Clinicians. MOA Clinical Update. 1996;3(2):1-5.

ABSTRACTS

Diefenbach CB, Siebert CK, **Davis LJ**. An Analysis of Two Home Remedy Contact lens Cleaners. Poster presented at the Annual Meeting of the American Academy of Optometry, Denver, Colorado, December 1987.

Katsev DA, **Davis LJ**, Bennett ES, Katsev NG, Nelson JM, Tardibuono LA, Schanzlin DJ, Henry VA. The effect of an ultraviolet inhibiting hydrogel contact lens on glare and contrast sensitivity function. Poster presented at the Annual Meeting of the Contact Lens Association of Ophthalmologists, Las Vegas, Nevada, January 1988.

Simpson DE, **Davis LJ**, Moser L. The Application of an Opaque Tinted Contact Lens Following Sector Iridectomy. Poster presented at the Annual Meeting of the American Academy of Optometry, Columbus, Ohio, 1988.

Davis LJ, Bennett ES, Schanzlin DJ. Observation of the Base Curve Fitting Relationship in Rigid Materials Having Ultraviolet Absorbers. Poster presented at the Annual Meeting of the Contact Lens Association of Ophthalmologists, New Orleans, Louisiana, 1989.

Bennett ES, **Davis LJ**, Henry VA, Kirby S. A Clinical Comparison of Empirical vs. Diagnostic Fitting of Daily Wear Fluorosilicone Acrylate Lenses. Poster presented at the Annual Meeting of the Contact Lens Association of Ophthalmologists, New Orleans, Louisiana, 1989.

Dresner MS, **Davis LJ**, Fouraker BD. A Comparison of the EH-270 Corneal Topographer with Keratometry. Poster presented at the Annual Meeting of the Contact Lens Association of Ophthalmologists, Las Vegas, Nevada, 1990.

Davis LJ, Paragina S. Mascara Pigmentation of the Bulbar Conjunctiva Associated with Rigid Gas Permeable Lens Wear. Optometry and Vision Science. 1990;67(10): 140.

ABSTRACTS (continued)

Davis LJ. Photographic and Photokeratoscopic Findings of Rigid Gas Permeable Lens Adherence. Poster presented at the Annual Meeting of the Contact Lens Association of Ophthalmology, Las Vegas, Nevada, 1991.

Davis LJ, Kincaid MC, Gurley E. Lens Care Hygiene and Care System Contamination of rigid gas permeable lens wearers. *Investigative Ophthalmology and Vision Science*. 1992;33(4):1209.

Davis LJ, Barr JT, VanOtteren D. Transient Rigid Lens Induced Striae in Keratoconus. *Optometry and Vision Science*. 1992;69(12s): 134.

Davis LJ, Kincaid MC, Gurley E. Comparative Case Contamination for Tap Water Versus Sterile Saline Rinsing of Rigid Gas Permeable Contact Lenses. *Investigative Ophthalmology and Vision Science*. 1993;34(4):978.

Ackley KD, Caroline P, **Davis LJ**. Retrospective Evaluation of Rigid Gas Permeable Contact Lenses on Radial Keratotomy Patients. *Optometry and Vision Science*. 1993;70(12s):39.

Davis LJ. Computer Assisted Videokeratography Reveals the Etiology of Monocular Blur Secondary to Corneal Warpage. *Optometry and Vision Science*. 1993;70(12s): 79.

Davis LJ. Tap Water versus Saline Rinsing of Rigid Gas Permeable Contact Lenses: Assessment of Patient Attitudes and Preference. *Optometry and Vision Science*. 1993;70(12s): 144.

Bailey JE, Lakshminarayanan V, Enoch JM, Lang A, **Davis LJ**. An Analysis of Aniseikonia in Intraocular Lens (IOL) Implants. *Investigative Ophthalmology and Vision Science*. 1994;35(4):1804.

Davis LJ, Lakshminarayanan V, and The St Louis Eye Research Study Group. Measurement of Aniseikonia in an Asymptomatic Pseudophakic Population: Comparison of Two Techniques. *Optometry and Vision Science*. 1994;71(12s):175.

Zadnik K, **Davis L**, McMahon T, Schornack J, Gordon M and the CLEK study group. Repeatability of Visual Acuity Measurement in Keratoconus. *Optometry and Vision Science*. 1996;73(12s): 68.

Davis L, Barr J, Pierce G. Development of a grading protocol to identify Vogt=s striae and Fleischer=s ring in keratoconus. *Optometry and Vision Science*. 1996;73(12s):94.

Szczotka LB, Friedman NE, **Davis LJ**, McMahon TT, and the CLEK study group. Videokeratographic data quality and disease severity in keratoconus. *Investigative Ophthalmology and Vision Science*. 1997;38(4):s1090.

Zadnik K, Gordon MO, Schechtman K, **Davis LJ**, McMahon TT, Schornack JA and the CLEK study group. Visual acuity repeatability in keratoconus. *Investigative Ophthalmology and Vision Science*. 1997;38(4):s845.

Gilmore W, Siefkes M, Brinckman P, **Davis LJ**. Unilateral myopic shift and nuclear sclerotic cataract: An unusual sequelae to blunt trauma. *Optometry and Vision Science*. 1997;74(12s):56

Davis LJ, Schechtman K, Shin JA, Begley CG, Gordon MO Zadnik K and the CLEK Study Group. Repeatability of manifest refraction and contact lens over-refraction in keratoconus. *Optometry and Vision Science*. 1997;74(12s):147 .

Raasch TW, Szczotka LB, McMahon TT, Friedman NE, **Davis LJ**, and the CLEK Study Group. Quantitative features of corneal topography in keratoconus. *Optometry and Vision Science*. 1997;74(12s):148

Jones D, **Davis LJ**, Tilley S, McDowell J. Comparative assessment of two methods utilized for indirect gonioscopy. *Optometry and Vision Science*. 1997;74(12s):205.

Davis LJ, Barr JT, Pierce GE, Gordon MO and the CLEK Study Group. Test-retest reliability of grading the presence of Vogt=s striae and Fleischer=s ring in keratoconus. *Investigative Ophthalmology and Vision Science*. 1998;39(4):s67.

ABSTRACTS (continued)

Raasch TW, McMahon TT, Szczotka LB, Friedman NE, Anderson RJ, **Davis LJ**, and the CLEK Study Group. Fundamental component differences in topography between keratoconic and normal corneas. *Investigative Ophthalmology and Vision Science*. 1998;39(4):s635.

McMahon TT, Anderson RJ, Szczotka LB, **Davis LJ**, Friedman NE, Raasch TW, and the CLEK Study Group. Readability of EyeSys topography data in keratoconus. *Optometry and Vision Science*. 1998;75(12s):22.

Raasch TW, Anderson RJ, McMahon TT, Friedman NE, Szczotka LB, **Davis LJ**, and the CLEK Study Group. Repeatability of topography measurement in keratoconus. *Optometry and Vision Science*. 1998;75(12s):22.

Caffery B, Begley CG, Kinney KA, Portello J, **Davis LJ**, Simpson T, Chalmers R and the DREI Study Group. Dry eye symptoms in contact lens wear based on clinical diagnosis. *Optometry and Vision Science*. 1998;75(12s):63.

Begley CG, Caffery B, Kinney KA, Portello J, **Davis LJ**, Simpson T, Chalmers R and the DREI Study Group. Results of a dry eye questionnaire (DEQ) from optometric practices in the United States and Canada. *Optometry and Vision Science*. 1998;75(12s):65.

Davis LJ, Jones D, Tilley S, McDowell J. Videographic analysis of two methods utilized for indirect gonioscopy. *Optometry and Vision Science*. 1998;75(12s):137.

Begley CG, Caffery B, Kinney KA, Portello J, Kapoor N, **Davis LJ**, and the DREI Study Group. Dry Eye Questionnaire (DEQ) from optometric practices. *Investigative Ophthalmology and Vision Science*. 1999;40(4):s543.

CLEK PUBLICATIONS AND ABSTRACTS

(As a participant in the Pilot Projects for the development of a randomized clinical trial funded by the National Eye Institute (NEI), and Participating Clinic Principal Investigator for CLEK **Larry J. Davis, OD** was a member of the **CLEK Study Group** and contributed to the following abstracts):

Zadnik K, Barr JT, Gordon MO and the **CLEK Study Group**. Multi-center survey results: trends in keratoconus. *Optom Vis Sci* 1989; 66(6A,10):57

Zadnik K, Barr JT, Gordon MO and the **CLEK Study Group**. Contact lens fitting trends in keratoconus: results from the CLEK (Contact Lens Evaluation in Keratoconus) screening study. *Optom Vis Sci* 1990; 67(s):46.

Edrington TB, Zadnik K, Barr JT, Gordon MO and the **CLEK Study Group**. Scarring and contact lens fit in keratoconus. Results from the CLEK(Contact Lens Evaluation in Keratoconus) screening study. *Invest Ophthalmol Vis Sci* 1991;32(4):738.

Barr JT, Gordon MO, Zadnik K, Edrington TB and the **CLEK Study Group**. Method for standardizing photographic evaluation of corneal scarring. *Invest Ophthalmol Vis Sci* 1991;32(4):1221.

Zadnik K, Gordon MO, Barr JT, Edrington TB and the **CLEK Study Group**. Profile of keratoconus patients undergoing penetrating keratoplasty. *Optom Vis Sci* 1991;68(12s):33

Barr JT, Gordon MO, Zadnik K, Edrington TB and the **CLEK Study Group**. Corneal photography and grading of corneal scarring photographs - a standardized procedure. *Optom Vis Sci* 1991; 68(12s):34

Edrington TB, Barr JT, Zadnik K, Gordon MO and the **CLEK Study Group**. A standardized rigid contact lens fitting protocol for keratoconus. *Optom Vis Sci* 1991;68(12s):105

Gordon M, Zadnik K, Morgan D, Barr J, Edrington T and the **CLEK Study Group**. Improving the estimates of sample yield in clinical trials. *Proceedings of the Biopharmaceutical Section of the American Statistical Association*. 1992.

CLEK PUBLICATIONS AND ABSTRACTS continued

Burger DS, Gordon MO, Zadnik K, Barr JT, Edrington TB and the **CLEK Study Group**. A low cost screening survey to assess sample yield and refine study entry criteria. Invest Ophthalmol Vis Sci 1992;33(4):863.

Edrington TB, Gordon MO, Barr JT, Zadnik K and the **CLEK Study Group**. A standardized method to photodocument and interpret contact lens fluorescein patterns applied to keratoconus. Invest Ophthalmol Vis Sci 1992;33(4):1295.

Barr JT, Gordon MO, Zadnik K, Edrington TB and the **CLEK Study Group**. A standardized procedure for corneal photography and grading of corneal scarring in keratoconus. Invest Ophthalmol Vis Sci 1992;33(4):771.

Barr JT, Zadnik K, Edrington TB, Gordon MO and the **CLEK Study Group**. Corneal photodocumentation and photograph reading method for the Contact Lens Evaluation in Keratoconus (CLEK) 150 eye study. Optom Vis Sci. 1992;69(12s):70.

Edrington TB, Barr JT, Zadnik K, Gordon MO and the **CLEK Study Group**. You can fit steep and we can prove it: A standardized keratoconus fitting and documentation method. Optom Vis Sci. 1992;69(12s):153.

Zadnik K, Barr JT, Edrington TB, Gordon MO and the **CLEK Study Group**. Scarring and visual acuity in keratoconus. Optom Vis Sci. 1993;70(12s): 22.

Edrington TB, Barr JT, Zadnik K, Gordon MO and the **CLEK Study Group**. Selection of initial trial fitting RGP contact lens base curve radius in keratoconus. Optom Vis Sci. 1993;70(12s): 39.

Barr JT, Zadnik K, Gordon MO, Edrington TB and the **CLEK Study Group**. The collaborative longitudinal evaluation of keratoconus (CLEK) study: Historical data and study design. Optom Vis Sci. 1994;71(12s): 33.

Edrington TB, Gordon MO, Zadnik K, Barr JT, and the **CLEK Study Group**. Achieving and maintaining a comfortable apical clearance RGP contact lens fit in keratoconus. Invest Ophthalmol Vis Sci 1993;34(4):1005.

Barr JT, Gordon MO, Zadnik K, Edrington TB and the **CLEK Study Group**. Corneal findings in the contact lens evaluation in keratoconus screening study. Invest Ophthalmol Vis Sci 1993;34(4):980.

Barr JT, Gordon MO, Zadnik K, Edrington TB and the **CLEK Study Group**. Thirty keratoconus patients randomized to two contact lens treatment methods. Invest Ophthalmol Vis Sci 1994;35(4):2164.

Edrington TB, Zadnik K, Gordon MO, Barr JT, and the **CLEK Study Group**. Fellow eyes of corneal grafts are at risk for keratoconus disease progression. Invest Ophthalmol Vis Sci 1994;35(4):1359.

Barr JT, Gordon MO, Zadnik K, Edrington TB and the **CLEK Study Group**. Quality of life in keratoconus patients. Invest Ophthalmol Vis Sci 1995;36(4):s75.

Bullimore MA, Zadnik K, Barr JT, Gordon MO, Edrington TB and the **CLEK Study Group**. Recruitment for a large-scale clinical study via the internet. Optom Vis Sci. 1995;73(12s): 92.

Edrington TB, Zadnik K, Barr JT, Gordon MO, and the **CLEK Study Group**. Rigid contact lens fitting relationships in keratoconus: standard of care. Optom Vis Sci. 1995;73(12s): 230.

Barr JT. Gordon MO. Zadnik K. Pellican K. Edrington TB. Photodocumentation of corneal scarring. **Collaborative Longitudinal Evaluation of Keratoconus Study Group**. Journal of Refractive Surgery. 1996 ;12(4):492-500.

Zadnik K. Barr JT. Gordon MO. Edrington TB. Biomicroscopic signs and disease severity in keratoconus. **Collaborative Longitudinal Evaluation of Keratoconus (CLEK) Study Group**. Cornea. 1996;15(2):139-46.

Zadnik K, Bullimore MA, Barr JT, Gordon MO, Edrington TB and the **CLEK Study Group**. Recruitment for a large-scale clinical study via the world wide web and the internet. Invest Ophthalmol Vis Sci 1996;37(3):s305.

CLEK PUBLICATIONS AND ABSTRACTS continued

Edrington TB, Barr JT, Zadnik K, Gordon MO, and the **CLEK Study Group**. A new measure of disease severity in keratoconus. Invest Ophthalmol Vis Sci 1996;37(3):s557.

Barr JT, Pierce GE, Edrington TB, Zadnik K, Gordon MA and the **CLEK Study Group**. Baseline test-retest findings of corneal scarring in the CLEK study. Invest Ophthalmol Vis Sci 1997;38(4):s132.

Edrington TB, Szczotka LB, Begley CG, Burger DS, Wilson BS, Zadnik K, Gordon MO and the **CLEK Study Group**. Repeatability of two corneal curvature assessments in keratoconus: Keratometry and first definite apical clearance lens. Optom Vis Sci. 1997;73(12s): 149.

Zadnik K, Gordon MO, Wagner H, Sterling JL, Shin JA, Jameson M, Everett DF and the **CLEK Study Group**. Baseline patient-reported findings from the Collaborative longitudinal evaluation of keratoconus (CLEK) study. Optom Vis Sci. 1997;73(12s): 148.

Gordon MO, Achtenberg J, Schornak JA, Pensyl D, Barnhart LA, McMahon TT, Roediger TA, Zadnik K and the **CLEK Study Group**. Collaborative Longitudinal Evaluation of Keratoconus (CLEK) Study: Quality of Life. Optom Vis Sci. 1997;73(12s): 94.

Barr JT, Edrington TB, Zadnik K, Gordon MO, and the **CLEK Study Group**. Collaborative Longitudinal Evaluation of Keratoconus (CLEK) Study: Baseline demographics and clinical characteristics. Invest Ophthalmol Vis Sci 1998;39(4):s67.

Edrington TB, Szczotka LB, Burger DS, Chun MW, Janoff AM, Olafsson HE, Wilson BS, Gordon MO and the **CLEK Study Group**. Collaborative Longitudinal Evaluation of Keratoconus (CLEK) Study: Rigid contact lens fitting relationships. Invest Ophthalmol Vis Sci 1998;39(4):s343.

Walline JJ, Gordon MO, Edrington TB, Barr JT, Zadnik K, and the **CLEK Study Group**. Quality of life in keratoconus. Invest Ophthalmol Vis Sci. 1998;39(4):s668

Zadnik K, Barr JT, Edrington TB, Everett DF, Jameson M, McMahon TT, Shin JA, Sterling JL, Wagner H, Gordon MO and the **CLEK Study Group**. Baseline findings in the Collaborative Longitudinal Evaluation of Keratoconus (CLEK) study. Invest Ophthalmol Vis Sci 1998;39 (13):2537-2546.

BOOK CHAPTERS

Davis LJ. Chapter 50 "Contact Lens Correction of Aphakia" in Bennett ES, Weissman BA (ed). Clinical Contact Lens Practice, 1991. J.B. Lippincott, Philadelphia, PA. 1-9.

Davis LJ. "Aphakia" in Bennett ES, Henry VA. (ed). Clinical Manual of Contact Lenses, 1994. J.B. Lippincott, Philadelphia, PA. 422-37.

Bennett ES, **Davis LJ**. "Non-Infectious Corneal Staining" in Silbert JA (ed). Anterior Segment Complications of Contact Lens Wear, 1994. Churchill Livingstone, New York. 41-58.

Davis LJ. Management of Diseased and Postsurgical Corneas in Bennett ES (ed). Contact Lens Problem Solving, 1995. Mosby, St Louis. 141-61.

Davis LJ, Lebow KA. A Non-Infectious Corneal Staining in Silbert JA (ed). Anterior Segment Complication of Contact Lens Wear, 2000. Butterworth-Heinemann. Massachusetts, 67-94.

MEETING ACTIVITY

Presented paper entitled The Use of Ultraviolet Inhibitors in Contact Lenses at the Contact Lens Forum, St. Louis, Missouri, April 1988.

MEETING ACTIVITY continued

Presented paper entitled Ultraviolet Absorbing Contact Lenses at The Contact Lens Update, Bethesda Eye Institute, St. Louis, Missouri, October 1988.

Presented paper entitled, Observation of the Base Curve Fitting Relationship in Rigid Lens Fitting at the Contact Lens Forum, St. Louis, Missouri, April 1989.

Invited to co-ordinate workshop, Patient Education, at the RGP Lens Practice Today and Tomorrow meeting, St. Louis, Missouri, July 1989.

Invited to assist with workshop, RGP Verification at the RGP Lens Practice Today and Tomorrow meeting, St. Louis, Missouri, July 1989.

Invited Participant to Contact Lenses: Challenges, Controversies, and Opportunities. Opinion Leaders Symposium, Keystone, Colorado, August 1989.

Invited to participate in panel discussion The difficult-to-fit patient at the Optometric Institute, University of Missouri-St. Louis School of Optometry, March 1990.

Invited to coordinate workshop Fitting Toric RGP Lenses on High Astigmatism at The RGP Lens Practice Today and Tomorrow meeting, St. Louis, Missouri, July 1990 and 1991.

Presented course, Practical Rigid Gas Permeable Toric Lens Fitting at the annual meeting of the Contact Lens Association of Ophthalmologists, Las Vegas, Nevada, 1991.

Invited to present Trouble-Shooting the Irregular Cornea at the Optometric Institute, University of Missouri - St. Louis School of Optometry, March 1991.

Invited to present Contact Lenses - Past, Present, Future at the Ophthalmic Update VII for Nurses, St. Louis, Missouri, March 1992.

Invited to present paper What is the Role of Lens Hygiene and Care System Contamination? at the 1992 RGP Lens Practice Today and Tomorrow, July 1992.

Invited to present lectures including, Basic Soft Contact Lens Fitting, Basic Bifocal Contact Lens Fitting and Basic Toric Contact Lens Fitting for the first CLAO Contact Lens Course at St. Louis University, St. Louis Missouri, September, 1992.

Invited to present case report for symposium entitled The Role of Pharmaceutical Agents in Cornea and Contact Lens Care for the section on Cornea and Contact Lenses at the Annual Meeting of the American Academy of Optometry, December 1992.

Invited to present Post-Surgical Contact Lens Fitting at the Loma Linda ContactLens Course, San Bernadino, California, January 1993.

Invited to present Orthokeratology History and Background at the 30th Optometric Institute. St. Louis, Missouri, 1993.

Invited to present Basic Bifocal Contact Lens Fitting at the second CLAO contact lens course at Washington University, St. Louis Missouri, September, 1993.

Invited to present workshop Use and Interpretation of Gonioscopy and Fundus Lens at Seeing Eye to Eye for LSU Eye Center, October 1994.

Invited to present lecture Management of Conjunctival and Cornea Infections at Seeing Eye to Eye for LSU Eye Center, October 1994.

MEETING ACTIVITY continued

Invited to present workshop Modification of Rigid gas Permeable Contact Lenses at the Heart of America Contact Lens Conference, February, 1995-98.

Invited to present workshop Measurement of Blood Pressure at the Heart of America Contact Lens Conference, February, 1995-98.

Invited to present workshop Case History at the Heart of America Contact Lens Conference, February, 1997, 1998. Invited to present a lecture entitled Basic Soft Contact Lens Fitting at the Regional Basic Contact lens Course sponsored by the Contact lens Association of Ophthalmologists, September, 2000.

Invited to present lecture entitled *Correction of Complex Refractive Errors* for technicians attending the Annual Meeting of the Missouri Optometric Association, October, 2000.

Invited to present lecture entitled *Correction of Complex Refractive Errors* for optometrists attending at the Annual Meeting of the Missouri Optometric Association, October, 2000.

GRANT ACTIVITY - (Co-investigator in parenthesis)

Oxygen Transmissibility and corneal swelling in Rigid Gas permeable Extended Wear. \$3,000.00 awarded November 1987. (Bennett, Nelson, Huff at UM-St. Louis).

Rigid Gas Permeable Extended Wear following Cataract and Corneal Surgery. Rigid Gas Permeable Lens Institute, small grants program. \$1500.00 awarded July 1989.

Contact Lens Evaluation in Keratoconus (CLEK) clinical center grant for National Institute of Health (NEI), multi-center clinical trial. Joseph T. Barr principal investigator (Submitted January 1992).

Application of EyeSys Corneal Topography for verification of an aspheric rigid gas permeable contact lens. Sponsored by Conforma Contact Lens, \$400.00 awarded April, 1993.

Collaborative Longitudinal Evaluation of Keratoconus (CLEK), clinical center grant for National Institute of Health (NEI), multi-center clinical trial. Karla Zadnik and Joseph Barr principal investigators. \$ 29,000-\$40,000 annual subcontract awarded June, 1995-June 2004.

Collaborative Longitudinal Evaluation of Keratoconus (CLEK) minority supplement for clinical center grant, National Institutes of Health (NEI), \$236,000 awarded September 2001-July 2003 for post-doctoral training of minority investigator.

Gateway for Eye Exams for Every Child (Mobile Eye Vehicle), \$500,000 Earmark awarded from HUD January 2003, (Ralph Garzia at UM-St Louis)

CONTACT LENS CLINICAL INVESTIGATIONS AND FINANCIAL SUPPORT FROM THE FOLLOWING COMPANIES - (Co-investigator in parenthesis)

An analysis of two "home-remedy" contact lens cleaners. \$400 awarded by Bausch and Lomb, Grant-in-Aid, 1987, Indiana University, (Diefenbach, Siebert).

Overnight swelling in rigid gas permeable extended wear. Paragon Optical, 1987 (Bennett, Nelson, Huff, Henry at UM-St. Louis).

Glare and contrast sensitivity with the use of ultraviolet inhibiting hydrogel contact lenses. Coopervision, Inc., 1987 (Bennett, Tardibuono, Nelson, Katsev, Henry, Katsev at UM-St. Louis).

Glare and contrast sensitivity in soft versus hard extended wear. Polymer Technology, 1987 (Bennett, Henry, Nelson at UM-St. Louis)

FINANCIAL SUPPORT continued

The performance of a medium water toric hydrogel contact lens. American Hydron Inc., 1987 (Bennett, Henry at UM-St. Louis).

A clinical investigation of a medium water hydrogel contact lens for extended wear. American Hydron, 1987 (Bennett, Henry at UM-St. Louis).

A comparison of the Permaflex thin 43 with the Bausch and Lomb 0, Softmate II, Softmate, and Wesley Jessen D3X4 when worn extended wear. Cooper-vision, Inc., 1987 (Bennett, Henry at UM-St. Louis).

A clinical investigation of a new rigid gas permeable care regimen. Allergan, Inc., 1987 (Bennett, Henry at UM-St. Louis).

A comparison of the success of empirical versus trial lens fitting in rigid gas permeable daily wear. Polymer Technology, December 1987 (Bennett, Henry at UM-St. Louis). A clinical comparison of the Optima and Optima EW when worn on a daily wear schedule. Bausch and Lomb, April 1988 (Bennett, Henry at UM-St. Louis).

Rigid Gas Permeable Extended Wear following Cataract and Corneal Surgery. Paragon Optical, August 1989.

Clinical Evaluation of the Accucon7 Rigid Gas Permeable Contact Lens. Sponsored by Precision Optics, \$2500 awarded June, 1993.

Rigid Gas Permeable Lens Modification Equipment. Heart of America Contact Lens Society. Summer 1995, \$2106. (Bennett at UM-St Louis)

MISCELLANEOUS

Quoted in two area newspapers, the *Mascoutah Illinois Herald* and the *O'Fallon Missouri Journal* regarding swimming with contact lenses, June 1993

Interview "A new one day disposable contact lens" for KMOV (4), St. Louis CBS affiliate, June 1993.

Interview "Swimming with Contact Lenses" for News Plus Radio, May, 1993.

Interview "Considerations for healthy eyes while swimming and in sunlight" for Missouri Net Radio, June 1993.

Television Interview "Makeup and Contact Lenses" KSDK(5), St. Louis NBC affiliate, September 1992.

Interview for 1992 edition of Medicine and Health Annual supplement for Encyclopedia Americana, 1991.

Television Interview "Shades of Spring" Regarding the use of sunglasses for sports. KSDK (5), St. Louis NBC affiliate April 1991.

Clinical examiner for practical examination given by the National Board of Examiners in Optometry (NBEO), January 1991, May 1992, May 1993.

Participated in the Epidemiology and Biostatistics Course sponsored by the National Eye Institute, Sarasota, Florida, April 1991.

Invited to present annual seminar entitled, "Allergies and Contact Lenses" at monthly rounds for the Department of Immunology, St. Louis University School of Medicine. 1990-1996.

Presented paper entitled "Rigid Extended Wear Post-Operative Experience" at the Bethesda Eye Institute Annual Alumni Day Seminar, July 1990.

Contributor to CLMA video library, "Clinical Pearls-Vol. II, Refitting into RGP's" March 1990.

MISCELLANEOUS Continued

Contributed photos for article entitled "Contact Lenses for the Difficult-to-Fit Patient" in Contact Lens Forum 1989; 14(10) 49-68.

Participated in Vision USA, to provide free eye exams for the poor during Save Your Vision Week at the Optometric Center, St. Louis, MO, March 1989.

Slide presentation given for prospective optometry students during optometry workshop at UM-St. Louis School of Optometry, April 1988.

Presented paper entitled What Lens Do I Choose? To fourth-year students at the University of Missouri-St. Louis, School of Optometry, April 1988.

Presented workshop on rigid gas permeable contact lens fitting, verification, and modification for Ophthalmic Technicians at Bethesda Eye Institute, St. Louis, Missouri, March 1988.

Assisted in a workshop on contact lens modification/verification given for Ophthalmology Residents at Bethesda Eye Institute, St. Louis, Missouri, October 1987.

Submitted test questions to International Association of Boards of Examiners in Optometry for use on Treatment and Management of Ocular Disease exam, October 1987.

Contributed essay concerning Contact lens Clinical Studies at University of Missouri-St. Louis School of Optometry for use in the North County Journal, St. Louis, Missouri, October 1987.

Presented seminar entitled Taking the State Board to fourth-year students at the University of Missouri-St. Louis School of Optometry, October 1987.

Participated in Graduate Advisory Panel Meeting given on behalf of Barnes-Hind in San Diego, California, August 1987.

Participated in Visual Screening for the University of Missouri Football Team in Columbia, Missouri, years 1987, 1989.