

Mark Allan Bullimore
MCOptom PhD FAAO

CURRICULUM VITAE



May 4, 2023

PERSONAL DETAILS

Full Name: Mark Allan Bullimore
Date of Birth: April 12, 1962
Birthplace: Bristol, England
Nationality: USA and UK
Permanent Address: 356 Ridgeview Lane
 Boulder, CO 80302
 Tel: 614-2020-299
 Email: bullers2020@gmail.com

HIGHER EDUCATION

1987	PhD	Vision Science*	Aston University, UK
1984	MCOptom	Optometry	College of Optometrists, UK
1983	BSc	Optometry	Aston University, UK

* *Thesis Title: Factors influencing the accommodative response to sustained visual tasks*
Supervisor: Bernard Gilmartin PhD, External Examiner: Dr WN Charman PhD

AWARDS

1991	Fellow of the American Academy of Optometry (FAAO)
1995	Garland Clay Award, American Academy of Optometry
2004	Eminent Service Award, American Academy of Optometry
2012	Inducted into National Academies of Practice
2018	Gold Fellow, Association for Research in Vision and Ophthalmology
2022	Garland Clay Award, American Academy of Optometry
2022	Hall of Fame, American Academy of Optometry

PATENTS

1998	Apparatus and Method for Improving the Operation of an Autorefractor, U.S. Patent No. 08/753,640.
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PROFESSIONAL EXPERIENCE

- 2017 to 2022 Owner, Ridgevue Technologies LLC, Boulder, Colorado.
- 2017 to 2018 Dean and Professor, Southern California College of Optometry, Marshall B. Ketchum University, Fullerton, California
- 2016 Executive Director, World Council of Optometry, St. Louis, Missouri.
- 2013 to present Owner, Ridgevue Publishing LLC and Ridgevue Vision LLC, Boulder, Colorado.
- 2013 to 2017 Visiting Professor, University of West Indies, St Augustine, Trinidad & Tobago
- 2012 to present Adjunct Professor, University of Houston, College of Optometry, Houston Texas.
- 2011 to present Independent Regulatory Consultant, Boulder, Colorado.
- 2011 to 2012 Senior Scientific Director, QLT Inc., Vancouver, Canada.
- 2008 to 2013 Development Director, American Optometric Foundation
- 2007 to 2011 Professor, The Ohio State University, College of Optometry, Columbus, Ohio.
- 1999 to 2006 Associate Professor, The Ohio State University, College of Optometry, Columbus, Ohio.
- 1996 to 1999 Assistant Professor, The Ohio State University, College of Optometry, Columbus, Ohio.
- 1991 to 1996 Assistant Research Scientist and Assistant Clinical Professor, University of California, School of Optometry, Berkeley, California.
- 1988 to 1991 Post-Doctoral Research Fellow, University of California School of Optometry, Berkeley, California.
- 1987 to 1988 Contract Research Officer, Vision in Transport Group, Department of Vision Sciences, Aston University, Birmingham, UK
- 1984 to 1987 Graduate Student/Teaching Assistant, Department of Vision Sciences, Aston University, Birmingham, UK
- 1984 Optometrist, Partridge & Straiton, Hounslow, Middx, UK
- 1983 to 1984 Pre-Registration Optometrist, London Refraction Hospital, London, UK

RESEARCH SUPPORT

- 1992 to 1993 Co-Investigator, “The Role of Ultra-Violet Radiation in Cataract Formation” funded by CIBA Vision Corporation (Principal Investigator, Gerald E. Lowther, Co-Investigator, M. Cristina Leske); total direct costs \$25,000.
- 1994 to 1995 Principal Investigator, “The Next Generation of Auto-Refractor” funded by Hoya Corporation of Japan; total direct costs \$87,000.
- 1994 to 1996 Co-Investigator, “Assessment of functional vision in pre and post-operative cataract patients” funded by Health and Welfare Canada (Principal Investigator, David B. Elliott, Co-Investigators, Aftab Patla, Barb Sivak); total direct costs \$165,700 CAN
- 1996 Welch Allyn Frequency-Doubling Perimetry Test” funded by Welch Allyn Inc; total direct costs \$13,331.
- 1996 to 1998 Principal Investigator, “The Myopia of Adulthood” R03-EY11798 funded by the National Eye Institute; total direct costs \$85,845.
- 1996 to 1997 Principal Investigator, “Fundamentals of Progressive Addition Lens Design” funded by SOLA Optical; total direct costs \$32,126.
- 1997 Principal Investigator, “Visual Function in Glaucoma” funded by The Ohio State University Office of Research; total direct costs \$9,000.
- 1998 to 2003 Principal Investigator, “Short Term Training: Students in Health Professional Schools” T35-EY07151 funded by the National Eye Institute; total direct costs \$158,338.
- 1998 to 1999 Co-Investigator, “Low Vision Intervention Planning Grant” R21-EY11502 funded by the National Eye Institute (Principal Investigator, Thomas W. Raasch); total direct costs \$49,990.
- 1998 to 1999 Advisor, “Orthokeratology Topographical Changes (OKToC)” funded by Beta Sigma Kappa (Students, Matthew Marsich and Jason Nichols); total direct costs \$465.
- 1999 to 2000 Advisor, “Corneal Changes in Orthokeratology” funded by Beta Sigma Kappa (Student, Myhanh Nguyen); total direct costs \$1,000.
- 1999 to 2000 Principal Investigator, “Progressive Addition Lenses for Myopia Control in Adults ” funded by The American Optometric Foundation; total direct costs \$5,000.
- 2001 to 2006 Principal Investigator, “The Myopia of Adulthood” R01-EY12952 funded by the National Eye Institute; total direct costs \$1,150,000.

- 2002 Co-Investigator, “Automated Subjective Refraction Study” funded by the Topcon America Corp. (Principal Investigator, James E. Sheedy); Total direct costs \$20,000
- 2003 to 2008 Principal Investigator, “Short Term Training: Students in Health Professional Schools” T35-EY07151 funded by the National Eye Institute; Total direct costs \$254,450
- 2005 to 2010 Mentor “Spatial Modeling in Glaucoma” K23-EY016225 funded by the National Eye Institute (Principal Investigator, Michael D. Twa); total direct costs \$693,198
- 2007 to 2009 Principal Investigator, “Postmarket Study of the Safety of Overnight Corneal Reshaping Lenses” funded by Bausch & Lomb and Paragon Vision Sciences; Total direct costs \$160,700
- 2008 to 2013 Principal Investigator, “Short Term Training: Students in Health Professional Schools” T35-EY07151 funded by the National Eye Institute; Total direct costs \$187,290
- 2009 to 2014 Mentor “In Vivo Evaluation of Presbyopia” K23-EY019097 funded by the National Eye Institute (Principal Investigator, Kathryn Richdale); total direct costs \$791,532

GRADUATE STUDENTS TRAINED AND EXAMINED

1995	External Examiner	PhD	Jan E. Lovie-Kitchin, QUT, Australia
1998	Committee Member	MS	Jeffrey J. Walline, OSU, College of Optometry
1998	Graduate School Rep.	Candidate	Yih-Tyng Wu, OSU, Biomedical Engineering
1998	Advisor	PhD	Julie L. Preston, OSU, College of Optometry
1999	Advisor	MS	Matthew M. Marsich, OSU, College of Optometry
1999	Committee Member	Candidate	Jeffrey J. Walline, OSU, College of Optometry
2000	Advisor	MS	Scott R. Martin, OSU, College of Optometry
2000	Committee Member	PhD	Tyson Brunstetter, OSU, College of Optometry
2000	Committee Member	PhD	Marjorie Jeandervin, OSU, College of Optometry
2000	Committee Member	Candidate	Yih-Tyng Wu, OSU, Biomedical Engineering
2000	Committee Member	Candidate	Mohinder Merchea, OSU, College of Optometry
2000	Committee Member	PhD	Yih-Tyng Wu, OSU, Dept of Bioengineering
2001	Advisor	MS	V. Manoj Subbaram, OSU, College of Optometry

2001	Advisor	MS	Myhanh T. Nguyen, OSU, College of Optometry
2001	External Examiner	MS	Ramkumar Sridharan, UNSW, Australia
2001	Committee Member	MS	Sonia Sharma, OSU, College of Optometry
2001	Committee Member	MS	John Mark Jackson, OSU, College of Optometry
2001	Committee Member	MS	Melissa D. Bailey, OSU, College of Optometry
2002	Advisor	MS	Huan Sheng, OSU, College of Optometry
2002	Advisor	MS	Michael D. Twa, OSU, College of Optometry
2002	Advisor and Chair	Candidate	V. Manoj Subbaram, OSU, College of Optometry
2003	Committee Member	Candidate	Melissa D. Bailey, OSU, College of Optometry
2003	Committee Member	MS	Eric Ritchey, OSU, College of Optometry
2004	Committee Member	Candidate	Maolong Tang, OSU, College of Engineering
2004	Committee Member	PhD	Melissa D. Bailey, OSU, College of Optometry
2004	Committee Member	PhD	Maolong Tang, OSU, College of Engineering
2004	Advisor	PhD	V. Manoj Subbaram, OSU, College of Optometry
2004	Advisor and Chair	Candidate	Huan Sheng, OSU, College of Optometry
2004	Committee Member	MS	David Berntsen, OSU, College of Optometry
2005	Advisor	MS	Michael J. Dobos, OSU, College of Optometry
2005	Committee Member	MS	Tracey Bildstein, OSU, College of Optometry
2005	Committee Member	MS	Paul Schanz, OSU, College of Optometry
2005	Advisor and Chair	Candidate	Michael D. Twa, OSU, College of Optometry
2006	Advisor	PhD	Huan Sheng, OSU, College of Optometry
2006	Advisor	MS	Carol A. Bottjer, OSU, College of Optometry
2006	Advisor	MS	Neeta Kapoor, OSU, College of Optometry
2006	Committee Member	MS	Philip Arner, OSU, College of Optometry
2006	Committee Member	MS	Ray Hardy, OSU, College of Optometry
2006	Committee Member	MS	Sarah Miller, OSU, College of Optometry
2006	Committee Member	MS	Ravaughn Williams, OSU, College of Optometry
2006	Advisor	PhD	Michael D. Twa, OSU, College of Optometry
2007	Advisor	MS	Bradley Dougherty, OSU, College of Optometry
2007	Committee Member	PhD	Keith Marsolo, OSU, Dept. of Computer Science
2007	Committee Member	Candidate	Vidhya Subramanian, OSU, College of Optometry
2007	Committee Member	Candidate	Andrew Toole, OSU, College of Optometry
2008	Advisor	MS	Emily Parker, OSU, College of Optometry

2008	Committee Member	MS	Anita Ticak, OSU, College of Optometry
2009	Committee Member	Candidate	Xiaoyin He, OSU, College of Engineering
2009	Committee Member	MS	Bret Lehman, OSU, College of Optometry
2009	Committee Member	MS	Adam Blacker, OSU, College of Optometry
2009	Committee Member	Candidate	Leilei Zhang, OSU, College of Engineering
2009	Committee Member	MS	Lauren Ernst, OSU, College of Optometry
2010	Committee Member	Candidate	Junhua Tang, OSU, College of Engineering
2010	Advisor	Candidate	Kathryn Richdale, OSU, College of Optometry
2010	Advisor	MS	Amber Colling, OSU, College of Optometry
2010	Committee Member	PhD	Xiaoyin He, OSU, College of Engineering
2010	Advisor and Chair	Candidate	Bradley Dougherty, OSU, College of Optometry
2010	Advisor	MS	Ching-Yao Huang, OSU, College of Optometry
2013	Committee Member	PhD	Bradley Dougherty, OSU, College of Optometry
2022	Committee Member	MS	Lauren Lattery, UH, College of Optometry

SERVICE TO FEDERAL ORGANIZATIONS

1992 and 1999	Grant Reviewer, National Sciences and Engineering Research Council of Canada
1993	Consultant, National Eye Institute, National Plan
1993	Planning Committee, Food and Drug Administration, Eye Care Technology Forum
1995	Training and Certification of Investigators, Collaborative Longitudinal Evaluation of Keratoconus (CLEK) Study
1995 and 1997	Grant Reviewer, Medical Research Council of Canada
1996	Grant Reviewer, Special Emphasis Panel, National Eye Institute
1997 to 2000	Member, Ophthalmic Devices Panel, Food and Drug Administration
1997	Grant Reviewer, Guide Dogs for the Blind Association (UK)
1998	Grant Reviewer, Visual Sciences C Panel, National Eye Institute
1999	Grant Reviewer, Royal National Institute for the Blind (UK)
2000	Grant Reviewer, Special Emphasis Panel, National Eye Institute

2000 Grant Reviewer, National Institute on Aging

2001 to 2002 Consultant, Ophthalmic Devices Panel, Food and Drug Administration

2002 Grant Reviewer, U.S. Civilian Research & Development Foundation

2003 Consultant, Dermatologic & Ophthalmic Drugs Panel, Food and Drug Administration

2004 Grant Reviewer, Special Emphasis Panel, National Eye Institute

2004 Grant Reviewer, Biology and Diseases of the Posterior Eye (BDPE) Study Section, Center for Scientific Review

2005 Grant Reviewer, Special Emphasis Panel, National Eye Institute

2006 to 2008 Grant Reviewer, Visual System Small Business Study Section, National Eye Institute

2007 Chair, Special Emphasis Panel, National Eye Institute

2008 Grant Reviewer, Biology and Diseases of the Posterior Eye Study Section, Center for Scientific Review

2008 Chair, Special Emphasis Panel - Myopia and Vision Technology, National Eye Institute

2009 Chair, Special Emphasis Panel - Vision Enhancement and Technology, National Eye Institute

2009 Grant Reviewer, Biology and Diseases of the Posterior Eye Study Section, Center for Scientific Review

2009 Grant Reviewer, Challenge Grants, Center for Scientific Review

2010 Grant Reviewer, Visual System Small Business Study Section, National Eye Institute

2010 Grant Reviewer, Special Emphasis Panel - Vision Sciences and Technology, National Eye Institute

2017 Grant Reviewer, Special Emphasis Panel, National Eye Institute

SERVICE TO PROFESSIONAL ORGANIZATIONS

1982 to 1983	Secretary, British Optometric Students Association
1983 to 1984	Chairman, British Optometric Students Association
1992 to 1996	Board Member, California Chapter of the American Academy of Optometry
1992 and 1994	Program Coordinator, Visual Sciences Section, American Academy of Optometry
1992	Member of Task force on <i>Optometry and Vision Science</i> , American Academy of Optometry
1993 to 1994	Vice-President, California Chapter of the American Academy of Optometry
1993 to 1995	Program Committee, <i>Vision Science and its Applications</i> , Optical Society of America
1993 to 1997	Committee Member, Low Vision Research Group
1994 to 1995	President, California Chapter of the American Academy of Optometry
1994 to 1995	<i>Applied Vision/Human Factors</i> Committee, Society for Information Display (SID)
1995 to 1996	Annual Meeting, Scientific Program Committee, American Academy of Optometry
Various	Moderator, Association for Research in Vision and Ophthalmology
1995 to 1996	UC Berkeley Student Faculty Liaison, American Academy of Optometry
1995	Moderator, International Society for Contact Lens Research
Various	Moderator, American Academy of Optometry
1995 to 1997	Chair, Low Vision Research Group
1996 to 2004	Editor, <i>Optometry and Vision Science</i>
1996 to 1998	World Wide Web Committee, American Academy of Optometry
1996 to 2000	Ohio State Univ., Faculty Student Liaison, American Academy of Optometry
1999	Grant Reviewer, New Zealand Optometric Vision Research Fund
1999 to 2000	Program Committee, Council of Scientific Editors

2002 to 2008	Member, Board of Directors, American Optometric Foundation
2003 to 2004	Vice-President, American Optometric Foundation
2003 to 2006	Program Committee, Association for Research in Vision and Ophthalmology
2005 to 2008	President, American Optometric Foundation
2005 to 2006	Chair, Clinical and Epidemiological Research, Program Committee, Association for Research in Vision and Ophthalmology
2007 to 2011	Member, Academic Affairs Committee, Association of Schools and Colleges of Optometry
2008 to 2013	Development Director, American Optometric Foundation
2013	Development Consultant, Optometry Giving Sight
2014 to 2017	Awards Chair, National Academies of Practice in Optometry
2016 to 2019	Publications Committee, Association for Research in Vision and Ophthalmology

MEMBERSHIP OF PROFESSIONAL ORGANIZATIONS

1984 to present	College of Optometrists (UK)
1984 to 1988	Association of Optometrists (UK)
1988 to present	Association for Research in Vision and Ophthalmology
1991 to present	American Academy of Optometry
1992 to 1996	California Chapter of the American Academy of Optometry
1994 to 1995	Optical Society of America
1996 to 2011	Ohio Optometric Association
1996 to 2018	American Optometric Association
1996 to 2012	Council of Science Editors
1997 to 1999	Society for Clinical Trials
2012	Colorado Optometric Association

SERVICE TO UNIVERSITY AND COLLEGE

- 1992 Clinical Faculty Committee, UC Berkeley, School of Optometry
- 1997 to 2011 Curriculum Committee, OSU College of Optometry
- 1997 to 2011 Research and Graduate Studies Committee, OSU College of Optometry
- 1997 to 2011 Faculty Advisory Committee, OSU College of Optometry
- 1998 to 2011 Program Director, NEI Summer Training Program, OSU College of Optometry
- 1998 to 2000 Chair, *ad hoc* Student Evaluation of Instruction Committee, OSU College of Optometry
- 1999 to 2000 Secretary, Faculty Advisory Committee, OSU College of Optometry
- 2000 to 2001 Chair, Faculty Advisory Committee, OSU College of Optometry
- 2000 to 2005 College Investigation Committee, OSU College of Optometry
- 2000 College Representative for OSU “Bucks for Charity” Campaign
- 2001 to 2004 Member, Faculty Council and Alternate to Senate, OSU
- 2004 to 2007 Member, University Senate, OSU
- 2007 to 2011 Chair, Curriculum Committee, OSU College of Optometry
- 2007 to 2010 Chair, Student Awards Committee, OSU College of Optometry
- 2013 to 2016 External Examiner, The University of the West Indies (Trinidad), Department of Optometry

SERVICE TO JOURNALS

1994 to 2000	Editorial Board	<i>Journal of Refractive Surgery</i>
1996 to 2004	Editor	<i>Optometry and Vision Science</i>
1999 to 2001	Guest Editorial Board Member	<i>Investigative Ophthalmology & Visual Science</i>
2004 to present	Associate Topical Editor	<i>Optometry and Vision Science</i>
2007 to 2009	Editorial Advisory Board	<i>Ophthalmic and Physiological Optics</i>
2010 to 2022	Associate Editor	<i>Ophthalmic and Physiological Optics</i>
2013 to 2018	Editorial Board	<i>Eye & Contact Lens</i>
2015 to 2016	Oversight Committee	<i>Optometry & Visual Performance</i>

Reviewer for some 40 journals, including:

<i>American Journal of Ophthalmology</i>	<i>Journal of Cataract & Refractive Surgery</i>
<i>BMC Ophthalmology</i>	<i>Journal of Experimental Psychology</i>
<i>BMJ Open Ophthalmology</i>	<i>Journal of the Optical Society of America</i>
<i>British Journal of Ophthalmology</i>	<i>Journal of Optometry</i>
<i>British Medical Journal</i>	<i>Journal of Rehabilitation Research and Development</i>
<i>Canadian Journal of Optometry</i>	<i>Journal of Refractive Surgery</i>
<i>Clinical and Experimental Ophthalmology</i>	<i>Journal of Vision</i>
<i>Clinical and Experimental Optometry</i>	<i>Journal of Visual Impairment and Blindness</i>
<i>Clinical Vision Sciences</i>	<i>Ophthalmic and Physiological Optics</i>
<i>Computer Methods and Programs in Biomedicine</i>	<i>Ophthalmology</i>
<i>Contact Lens & Anterior Eye</i>	<i>Ophthalmology and Therapy</i>
<i>Cornea</i>	<i>Optometry (Journal of the American Optometric Association)</i>
<i>Current Eye Research</i>	<i>Optometry and Vision Science</i>
<i>Expert Opinion on Drug Safety</i>	<i>Perception</i>
<i>Eye</i>	<i>PLOS One</i>
<i>Eye & Contact Lens</i>	<i>Reinvention: a Journal for Undergraduate Research</i>
<i>International Journal of Ophthalmology</i>	<i>Scientific Reports</i>
<i>Investigative Ophthalmology & Visual Science</i>	<i>Spatial Vision</i>
<i>JAMA Ophthalmology</i>	<i>Survey of Ophthalmology</i>
<i>Journal of American Association for Pediatric Ophthalmology and Strabismus</i>	<i>Translational Vision Science & Technology</i>
<i>Journal of Biomedical Optics</i>	<i>Trials</i>
	<i>Vision Research</i>

LECTURING AND TEACHING EXPERIENCE

A. INVITED LECTURES

Accommodation, Refractive Error and Mental Effort

Department of Vision Sciences, Aston University, Birmingham, UK, March 1986

Responses to Sustained Accommodation in Late-Onset Myopia

University of California, School of Optometry, Berkeley, CA, June 1988

Psychophysics: How and Why?

University of California, School of Optometry, Berkeley, CA, November 1989

Aspects of the Assessment of Visual Performance in Low Vision

School of Optometry, University of Waterloo, Canada, January 1990

Improving Clinical Grading

University of California, School of Optometry, Berkeley, CA, March 1990

Myopia and the Control of Eye Growth

Invited discussant at the CIBA Foundation Symposium, London, UK, March 1990

Functional Visual Performance in Low Vision

Department of Vision Sciences, Aston University, Birmingham, UK, March 1990

Characteristics and Causes of Adult Onset Myopia

“Myopia: A Challenge of the 1990’s”, Dean’s Lectures, University of California, School of Optometry, Berkeley, CA, August 1990

New Perspectives in Low Vision

Western Regional Conference, University of California, School of Optometry, Berkeley, CA, October 1990

Motion Perception in Glaucoma

Optometry/Ophthalmology Meeting, Kaiser Permanente, Oakland, CA, August 1991

Abnormalities of Motion Perception in Glaucoma

Foundation for Glaucoma Research, San Francisco, CA, December 1991

The Influence of Object Vergence and Pupil Size on Visual Acuity with Soft Bifocal Contact Lenses

“Simultaneous Bifocal and Multifocal Vision: How Good is it?”, American Academy of Optometry, Section on Visual Science, Anaheim, CA, December 1991

Low Vision Aids for Near Vision

Europe '92, American Academy of Optometry, Stratford, UK, May 1992

Low Vision Aids for Near Vision

Santa Clara Optometric Society, San Jose, CA, October 1992

Low Vision Aids for Near Vision (workshop with IL Bailey and RT Wacker)

Low Vision Devices for Near Vision

Ellerbrock '92, American Academy of Optometry, Orlando, FL, December 1992

Improving the Subjective Assessment of Cataract

“Clarifying Cataract”, American Academy of Optometry, Section on Visual Science, Orlando, FL, December 1992

Clinical Grading: Clinical Trials and Clinical Practice

Annual Meeting of the California Chapter of the American Academy of Optometry, Santa Clara, CA, February 1993

Clinical Grading: Trying to get it right

CIBA Vision, Atlanta, GA, March 1993

Recent Developments in Cataract Management

Alameda and Contra Costa Counties Optometric Society, Oakland, CA, May 1993

Myopia: How Little Do We Know?

Understanding Clinical Research

Ultra-Violet Light and Cataract

Recent Advances in Clinical Optometry, The Third Annual Victoria Conference, Vancouver, Canada, August 1993

A Proposed Protocol for Assessing Soft Bifocal Contact Lens Performance

Varilux Presbyopia Symposium, Montreal, Canada, October 1993

Daylight and Eye Disease

The Berkeley Practicum, University of California, School of Optometry, Berkeley, CA, December 1993

Adult Onset Myopia

Morgan Symposium, University of California, School of Optometry, Berkeley, CA, May 1994

Current Topics in Myopia (with K Zadnik and DO Mutti)

Low Vision Aids for Near Vision (workshop with IL Bailey)

Europe '94 , American Academy of Optometry, Amsterdam, Netherlands, May 1994

Adult Onset Myopia

Monterey Bay Optometric Society, Salinas, CA, September 1994

Vision After Refractive Surgery: How good is it?**Low Vision 2000 - Challenges and Opportunities**

“Optometry in the 21st Century”, The Fourth Biennial Canadian Universities Optometry Conference, Waterloo, Canada, October 1994

Pathogenesis of Presbyopia

“Myopia and Presbyopia: New Insights Regarding Pathogenesis”, American Academy of Ophthalmology, San Francisco, CA, October 1994

Presbyopia: A New Look at an Old Condition

The Berkeley Practicum, University of California, School of Optometry, Berkeley, CA, December 1994

Current Topics in Myopia

Ellerbrock '94 (with K Zadnik and DO Mutti), American Academy of Optometry, San Diego, CA, December 1994

The Optometrist's Role in Refractive Surgery

Continuing Education in Southern California, UC Berkeley, School of Optometry, Pomona, CA, February 1995

Recent and Ongoing Large-Scale Clinical Research (with K Zadnik)

Alumni Retreat, UC Berkeley, School of Optometry, Yosemite, CA, March 1995

Motion Perception in Normal and Glaucoma Patients

University of California, School of Optometry, Berkeley, CA, March 1995

Visual Performance

Pilkington Barnes-Hind, Sunnyvale, CA, April 1995

Low Vision Care Update

Continuing Education in Hawaii, UC Berkeley, School of Optometry, Honolulu, HI, August 1995

Today's Refractive Surgery - an Optometry Perspective**New Issues in Ocular Disease Management**

Continuing Education in Hawaii (with K Zadnik), UC Berkeley, School of Optometry, Honolulu, HI, August 1995

Refractive Surgery

Northern Nevada Optometric Society, Reno, Nevada, September 1995

Modern Perimetry: Panel Discussion

The Berkeley Practicum, University of California, School of Optometry, Berkeley, CA, December 1995

Tolerance to Prescription Errors

“A Primary Care Reminder: Ophthalmic Optics”, American Academy of Optometry, Sections on Visual Science and Primary Care Section, New Orleans, LA, December 1995

Clinical Grading of Cataract and Anterior Segment Disease

Morgan Symposium, University of California, School of Optometry, Berkeley, CA, May 1996

Will Auto-Refractors make Optometrists Redundant?

The Ohio State University, College of Optometry, Columbus, OH, July 1996

Refractive Surgery - an Optometry Perspective

Zone 12, Ohio Optometric Association, Columbus, OH, October 1996

The Development of the Hoya RX-100

Hoya Vision Expo, Nagoya, Sendai, Osaka and Tokyo, Japan, April 1997

Refractive Correction

Annual Summer Continuing Education Conference, Optometric Educators Inc, Columbus, OH, July 1997

Fundamentals of Progressive Lens Design

Second Annual SOLA Conference for Optics Educators, Bodega Bay, CA, August 1997

Refraction and Refractive Correction in the Next Century

East-West Conference, Ohio Optometric Association, Cleveland, OH, October 1997

Low Vision: The view from North America

Institute of Optometry 75th Anniversary Conference, London, UK, November 1997

Adult Myopic Progression: Incidence and Risk Factors

Great Lakes Vision Meeting, Cleveland, OH, January 1998

Functional Outcomes of Refractive Surgery

Visual Science and its Applications, Santa Fe, NM, February 1998

The Development of Myopia

Low Vision

Refractive Correction in the Next Century

King Khaled Eye Specialist Hospital 15th Annual Symposium, Riyadh, Saudi Arabia, March 1998

Refractive Correction in the Year 2020

Recent Developments in Myopia, Low Vision and Progressive Lenses

Queensland University of Technology, Brisbane, Australia, March 1998

Current Topics in Myopia (with K Zadnik and DO Mutti)

International Meeting of the American Academy of Optometry, Sydney, Australia, March 1998

The Epidemiology of Myopia Progression in Adults

Ohio State University, College of Medicine and Public Health, Columbus, OH, May 1998

Changing the Habits of a Lifetime

Refractive Correction in the Year 2020

Writing an Abstract (with R Chalmers and R Grant)

Annual Meeting of the British Contact Lens Association, Brighton, England, May 1998

The FDA and Refractive Surgery

Optometric Refractive Surgery Society, Akron, OH, August 1998

Refractive Surgery Panel

East-West Conference, Ohio Optometric Association, Cleveland, OH, October 1998

Myopia: A Closer Look

Optometric Educators Inc., Columbus, OH, December 1998

Adult Myopia Progression

The Ohio State University, College of Optometry, Columbus, OH, February 1999

Overnight Orthokeratology

Indiana University, School of Optometry, Bloomington, IN, March 1999

Adult Myopia Progression

Does Low Vision Care Work?

Visiting Scholars Program, University of Alabama at Birmingham, School of Optometry, Birmingham, AL, April 1999

Adult Myopia Progression

Does Low Vision Care Do Any Good?

The Future of Vision Correction

Continuing Education Program, School of Optometry, University of Waterloo, Canada, June 1999

Visual Acuity Results After Refractive Surgery

Doctor, Why is my 20/20 not Clear?, Cornea and Contact Lenses Section and Vision Science Section, American Academy of Optometry, Seattle, Washington, December 1999

Will the Auto-Refractor Ever Replace the Optometrist?

Conference 2000, College of Optometrists, London, UK, April 2000

Instructions to Authors - What's New

Annual Meeting of the Council of Scientific Editors, San Antonio, TX, May 2000

Presbyopia: A New Look at an Old Condition

Optometric Educators Inc., Columbus, OH, December 2000

Contributing to the Optometric Literature

State University of New York College of Optometry, New York, New York, June 2001

Visual Performance After Refractive Surgery

Cornea and Contact Lenses Section and Vision Science Section, American Academy of Optometry, Philadelphia, Pennsylvania, December 2001

The Secrets of Successful Mentoring (with R. Weisbarth)

American Academy of Optometry, Philadelphia, Pennsylvania, December 2001

Refractive Surgery: Doctor, Why is My 20/20 Not Clear?

Tropical Sea E., San Pedro, Belize, January 2002

Myopia: From Soup to Nuts (with K Zadnik)

Tropical Sea E., San Pedro, Belize, January 2002

Presbyopia

Tropical Sea E., San Pedro, Belize, January 2002

The Aging Population: Prevalence, Prevention, and Presbyopia

Woodruff Lecture, Continuing Education 2002, School of Optometry, University of Waterloo, Canada, June 2002

Myopia 2020: Treatment, Correction, and Control

Continuing Education 2002, School of Optometry, University of Waterloo, Canada, June 2002

Your Tax Dollars at Work: Results for Recent Federally-Funded Clinical Trials (with K Zadnik)

Annual Winter Continuing Education Conference, Optometric Educators Inc., Columbus, OH, December 2002

Your Tax Dollars at Work: Results for Recent Federally-Funded Clinical Trials (with K Zadnik)

East-West Eye Conference, Ohio Optometric Association, Cleveland, OH, October 2003

Presbyopia Correction in the 21st Century (with M Twa)

Annual Winter Continuing Education Conference, Optometric Educators Inc., Columbus, OH, December 2003

**Myopia: Etiology, Management, and Control
Visual Acuity Testing**

Optometry's Meeting, Orlando, FL, June 2004

New Options for Presbyopia

Optometric Refractive Surgery Society, Akron, OH, August 2004

Don't Believe Everything You Read

Annual Winter Continuing Education Conference, Optometric Educators Inc., Columbus, OH, December 2004

The Myopia of Adulthood

Invited Lecture, New England College of Optometry, Boston, MA, April 2005

Read, Read, But Don't Believe Everything You Read

Eyeland of Enchantment, 22nd Annual Student Convention, Puerto Rico, February 2006

The Myopia of Adulthood

OSURF Lunch and Learn Series, May 2006

This is NOT your Father's IOL!

Annual Winter Continuing Education Conference, Optometric Educators Inc., Columbus, OH, December 2006

Presbyopia Correction in the 21st Century (with K Richdale)

Annual Winter Continuing Education Conference, Optometric Educators Inc., Columbus, OH, December 2008

Spectacle Lenses for the 21st Century

Kings Island Optometric Meeting, Cincinnati, OH, March 2009

The Cornea... the Refractive Surgeons' and Orthokeratologists' Battleground - Ortho-k

British Contact Lens Association Annual Conference, Manchester, England, May 2009

Spectacle Lenses for the 21st Century

Annual Summer Continuing Education Conference, Optometric Educators Inc., Columbus, OH, July 2009

Orthokeratology: Visual Performance and Microbial Keratitis

Orthokeratology Academy of America Annual Meeting, Phoenix, AZ, October 2009

Microbial Keratitis in Overnight Corneal Reshaping Lenses

Annual Winter Continuing Education Conference, Optometric Educators Inc., Columbus, OH, December 2009

**Visual Acuity and Contrast Sensitivity as it Relates to Sports Vision
Visual Acuity and Contrast Sensitivity Enhancement Techniques**
Sports Vision 2010 - A New Paradigm, Boston, MA, January 2010

Myopia & Presbyopia: Current Research, Existing Therapies & New Treatments
Eyecare 3000, Glasgow, Scotland, January 2010

The Incidence of Microbial Keratitis in Overnight Orthokeratology
Global Specialty Lens Symposium, Las Vegas, NV, February 2010

Imaging the Human Accommodative System
Queensland University of Technology, Brisbane, Australia, July 2010

**Microbial Keratitis with Orthokeratology
Measuring Corneal Thickness in Normal and Thinned Corneas**
ORSS, Surfers Paradise, Australia, July 2010

Myopia: Will we all have 20/20 by 2020?
UNSW, Sydney, Australia, July 2010

Myopia: Will we all have 20/20 by 2020?
Annual Winter Continuing Education Conference, Optometric Educators Inc., Columbus, OH,
December 2010

The Effect of Phenylephrine on Accommodation and the Ciliary Muscle
Bernard Gilmartin Festschrift, Birmingham, England, September 2011

Explore Graduate Programs
Optometry's Meeting, Chicago, IL, June 2012

Contemporary Issues in the Evaluation of Astigmatism
Indiana University, School of Optometry, Bloomington, IN, September 2012

Would You Like to Become a Reviewer for a Journal? (workshop with C Woods and SA Bentley)
American Academy of Optometry, Phoenix, AZ, October 2012

Myopia: Changing our Role from Correction to Control
Optometry Tomorrow 2013, College of Optometrists, Nottingham, UK, March 2013

Workshop for Journal Authors and Reviewers (workshop with AJ Adams and others)
American Academy of Optometry, Seattle, WA, October 2013

Regulatory Issues for Overnight Corneal Reshaping in the US: Myopia Control and Microbial Keratitis
3rd Congress of the International Academy of Orthokeratology, Shanghai, China, March 2014

Myopia Control: the Time is Now

Getting the most from Premium PALs

Kings Island Optometric Meeting, Cincinnati, OH, August 2014

OVS Author Workshop: Preparing a Manuscript (workshop with AJ Adams and others)

OVS Author Workshop: Tools for Authors (workshop with AJ Adams and others)

American Academy of Optometry, Denver, CO, November 2014

Estimating the Risk of Microbial Keratitis in Orthokeratology

Myopia Control: An Evidence Based Approach

3rd Meeting of the European Academy of Orthokeratology, Budapest, Hungary, July 2015

Get in Charge of New Developments: Myopia Control

Get in Charge of the Future: Building a Myopia Control Practice

Get in Charge of Clinical Objections

NCC 2016 - Netherlands Contact Lens Congress, Veldhoven, Netherlands, March 2016

Getting the Most from Customized PALs

First EMCO Congress of Optometry, Beirut, Lebanon, May 2016

Myopia Control: from Evidence to Implementation

European Academy of Optometry and Optics, Berlin, Germany, May 2016

Myopia Control: from Evidence to Implementation (with E Smith, S Silberberg)

American Academy of Optometry, Anaheim, CA, November 2016

Myopia Control: An Evidence Based Approach

Chengdu, China, April 2018

Myopia Control: from Evidence to Implementation (with E Smith, A Glazier)

American Academy of Optometry, San Antonio, TX, November 2018

Understanding the Safety of Orthokeratology

Residents Meeting, Paragon Vision Sciences, Phoenix, AZ, February 2019

Safety of Orthokeratology

19th International Congress of Ophthalmology and Optometry China, Shanghai, China, March 2019

Safety in Children with Contact Lenses

Meet the Myopia Experts, Vision By Design, San Antonio, TX, May 2019

Do the Benefits of Myopia Management Outweigh the Risks of Putting Children into Contact Lenses?

British Contact Lens Association Annual Conference, Manchester, England, May 2019

Why is Myopia Management Important?

Myopia Matters, American Optometric Association, St. Louis, MO, June 2019

Why Managing Myopia is Essential?

National Optometric Association, Atlanta, GA, July 2019

Do the Benefits of Myopia Management Outweigh the Risks of Putting Children into Contact Lenses?

Global Contact Lens Forum, Vision Expo West, Las Vegas, NV, September 2019

Myopia Control: 12 Evidence-Based Things You Need to Know (with N Brennan)

Myopia Control: An Evidence Based Approach

American Academy of Optometry, Orlando, FL, October 2019

The Benefit of Orthokeratology Outweigh the Risks

4th Meeting of the European Academy of Orthokeratology, Cluj, Romania, November 2019

Myopia Control: 12 Evidence-Based Things You Need to Know (with N Brennan)

The Myopia Meeting, San Francisco, CA, December 2019

Risks and Benefits of Myopia Management Options

Myopia Control- What the Evidence Says

MiSight Launch Event, Miami, FL, January 2020

Myopia Control A- Mechanisms, Pathology, Risks, Benefits (with E Smith III)

Single Vision Contact Lenses and Myopia Progression

Myopia Control: An Evidence Based Approach

Global Specialty Lens Symposium, Las Vegas, NV, January 2020

Mythbusters—Myopia Edition (with A Jasper)

Springfield, IL, January 2020

New York, NY, February 2020

Controlling Myopia- What the Evidence Says and Why 1 Diopter Matters

CEWire, February 2020

Boobytraps in Myopia Management (with N Brennan and N Logan)

(NON) Compliance (with N Carnt and R Chalmers)

Back to Basic (with F Stapleton and E Papas)

NCC 2020 - Netherlands Contact Lens Congress, Veldhoven, Netherlands, - Postponed

Myopia Control: 12 Evidence-Based Things You Need to Know (with N Brennan)

The Myopia Meeting, Morristown, NJ, May 2020 – Postponed

Myopia: 12 Evidence-Based Things You Need to Know

Online, ALLDocs Lunch and Learn, May 2020

Myopia Control: An Evidence-Based Update
Online, THE Myopia Meeting Webinar, May 2020

Myopia Mythbusters - Down Under Edition
Online, CooperVision Australia, May 2020

Myopia Mythbusters - EU Edition
Online, CooperVision Europe, June 2020

**Myopia 12 Evidence-Based Things You Need to Know
What's New in Contact Lenses Products and Protocols
Understanding the Risks of Continuous Wear of Contact Lenses**
Florida Optometric Association 118th Annual Convention, July 2020

Myopia: What the Research Tells Us and How to Apply it to Your Practice (with Glazier, Herzberg, Michaud)
Oculus Webinar, September 2020

**Principles of Myopia Management
Myopia Treatments Showdown**
Global Myopia Symposium, September 2020

The Child with Progressive Myopia: Orthokeratology and CL
WSPOS World Wide Connect 2020, September 2020

Controlling Myopia: What the Evidence Says and Why 1 Diopter Matters
Online, The Myopia Meeting, September 2020

**Myopia Control: From Evidence to Implementation (with E Smith III and K Richdale)
Can we predict myopia progression and control outcomes (with K Gifford and N Brennan)**
Online, Annual Meeting of the American Academy of Optometry, October 2020

Myopia MythBusters III: The "Busting" Continues (with A Jasper)
Online, October 2020

Contact Lenses for Myopia Control
Online, IACLE, November 2020

Myopia: New Insights into a Familiar Disease
Online Optom Learning Series, December 2020

Myopia MythBusters IV: Beyond 2020 (with A Jasper)
Online, February 2021

Myopia Management 2021
Online, CooperVision Academy, March 2021

Bringing Refraction into the 21st Century

Online, Optometric Management, May 2021

Current Myopia Management Options

Online, Woo University Myopia Management Symposium, July 2021

Myopia Management in Practice (with Justin Kwan)

Online, CooperVision ECP Viewpoints, July 2021

Up Your Myopia Game (with Noel Brennan)

American Academy of Optometry, Boston, MA, November 2021

Myopia Control: an evidence-based update

Myopia Control: know the risks and the benefits

Danish Optometry and Contact Lens Conference, Copenhagen Denmark, November 2021

Slow Your Roll: How to Diagnose and Manage Myopia

Contact Lenses for Myopia Correction and Myopia Control

Myopia MythBusters

Optometric Management Symposium, Orlando, FL, December 2021

Safety and Compliance in Specialty Contact Lens Practice

Global Specialty Lens Symposium, Las Vegas, NV, January 2022

Myopia Control: Comparing the Risks and the Benefits

Myopia Control: What the Evidence Says

Myopia Control: The Evolution of Spectacle Technology

Online Leonardo Platform, February 2022

The Importance of Axial Length Measurement in Myopia Management

Online, Hong Kong Society of Professional Optometrists, March 2022

Myopia Update: Seeing Beyond 2020

Online, CooperVision Australia, March 2022

Myopia Management and clinical practices

128è Congrès de la Société Française d'Ophtalmologie, Paris, France, May 2022

Myopia Control

European Academy of Optometry and Optics, Dublin, Ireland, May 2022

Overview of Myopia and Current Treatment Options

Netanya, Israel, June 2022

**Boobytraps in Myopia Management (with Jacinto Santodomingo and Nicola Logan)
(NON) Compliance (with Amanda Bogers and Marco Van Beusekom)**
NCC 2016 - Netherlands Contact Lens Congress, Veldhoven, Netherlands, June 2022

Myopia Control: What the Evidence Says
Online, Young OD CE Seminar, Optometric Physicians of Washington, July 2022

Myopia Control: What the Evidence Says and Why Every Diopter Matters
CE dinner, Denver, CO, August 2022

Myopia Control: the Good, the Bad, and the Ugly
International Society for Contact Lens Research Scientific Symposium, Porto, Portugal, August 2022

**Impact of Spectacle Lenses for Myopia Control on Visual Functions
Myopia Control: Comparing Outcomes in East Asian Children and EU Children**
International Myopia Congress, Rotterdam, Netherlands September 2022

**Myopia Control: Can we apply results from East Asia to other populations?
Impact of Spectacle Lenses for Myopia Control on Visual Functions**
World Society of Paediatric Ophthalmology and Strabismus Subspecialty Day, Milan, Italy, September 2022

Latest Updates on Myopia Management
Silmo, Paris, France, September 2022

**The Safety of Soft Contact Lenses in Children
The Risks and Benefits of Myopia Control
Selecting a Myopia Control Treatment and Evaluating Success**
Convegno su Aggiornamenti in contattologia e ottica oftalmica, Monopoli, Italy, October 2022

Applying the Latest Research to Challenging Myopia Management Cases (with Erin Tomiyama)

Myopia Management: Today's Research, Tomorrow's Practice (with Ariel Cerenzie)
American Academy of Optometry, San Diego, CA, October 2022

Overnight Orthokeratology - A Closer Look at Corneal Reshaping
Online World Society of Paediatric Ophthalmology and Strabismus Symposium on Myopia Management, November 2022

Myopia MythBusters 2023 (with April Jasper)
Optometric Management Education, Online, January 2023

Myopia Management 2023: Updates and Implications for your Practice
CooperVision Academy, Online, March 2023

Overview of Myopia and Current Treatment Options

Eyes on Myopia, Online, April 2023

Latest Trends in Myopia Management

SILMO Academy, Singapore, April 2023

Treatment Options and the Latest Research

Global Vision Summit, Online, April 2023

Myopia MythBusters 2023 (with April Jasper)

Optometric Management Education, Online, April 2023

Myopia Control: Comparing the Risks and the Benefits

Myopia Control: What Does the Evidence-Base Say?

Myopia Control: Starting, Stopping, and Evaluating Success

New Approaches to Subjective Refraction

Great Lakes Eyecare Conference, May 2023

C. TEACHING EXPERIENCE

Aston University

- 1984 to 1988** **Primary Ophthalmic Examination** **Teaching Assistant**
 Taught retinoscopy, Jackson cross-cylinder, principles of ametropia, visual acuity and depth of focus to first year optometry students.
- 1985 to 1987** **Contact Lens Studies** **Teaching Assistant**
 Taught rigid, soft and scleral lens fitting, handling and verification, keratometry and slit lamp biomicroscopy to second year optometry students.
- 1985 to 1987** **Ophthalmic Drugs** **Teaching Assistant**
 Taught principles and actions of topical diagnostic agents including mydriatics, miotics and anesthetics to third year optometry students.
- 1985 to 1988** **Elective Studies (O.D. Thesis)** **Supervisor**
 Supervised several senior student research projects, mainly on topics relating to accommodation and myopia. Some theses were of sufficient quality to warrant publication (e.g. Bullimore *et al.* 1988; 1989).

University of California at Berkeley

- 1990 to 1991** **VS 101 Geometrical Optics** **Instructor**
 Taught over half of a four-unit course on geometric optics to first year optometry students. Topics included vergence, thin lenses, spherical refracting interfaces and thin lens eye models.
- 1990 to 1996** **Optometry 151 Low Vision** **Instructor**
 Taught principles of optical and non-optical low vision aids, examination of the low vision patient, prescribing of aids and special examination techniques to third year optometry students in laboratories.
- 1991 to 1992** **Optometry 190 O.D. Thesis** **Instructor**
 Reviewed student research proposals and provided guidance on experimental design.
- 1992 to 1995** **VS 101 Geometrical Optics** **Instructor in Charge**
 Taught a four unit course on geometric optics to first year optometry students. Responsibilities included over forty lectures, assessments, discussion sessions and laboratories. Topics included vergence, thin lenses, spherical refracting interfaces, eye models, thick lenses, prisms and mirrors.

- 1992 to 1994** **VS 222 Psychophysics & Clinical Disorders** **Instructor**
 Gave guest lectures on clinical psychophysics, test design, clinical decision making, motion perception, cataract grading and disability glare.
- 1992 to 1996** **VS 103 Normal & Abnormal Optics of the Eye** **Instructor**
 Gave guest lectures on adult onset myopia.
- 1992 to 1996** **Optometry 190 O.D. Thesis** **Supervisor**
 Supervised several theses on topics such as motion perception, glaucoma, myopia progression, HIV infection and radial keratotomy. Many have been presented at scientific meetings and published (e.g. Bullimore *et al.*, 1994; Kozak and Bullimore, 1994).
- 1993 to 1995** **Primary Care Clinic** **Instructor**
 Taught third year students in the UC Berkeley Primary Care Clinic during summer session. This is the session when students first examine patients.
- 1994 to 1996** **NEI Short-Term Training Program** **Coordinator**
 Coordinated a summer research program for optometry students. Program was designed to expose students to clinical vision research by a summer-long apprenticeship in faculty members' laboratories and a series of seminars and discussion sessions.

The Ohio State University

- 1997 to 2011** **VS 740 Survival Skills for Graduate Students** **Instructor**
 Taught course providing survival skills for graduate students, including critiquing papers, writing abstracts, presenting data and analyses, preparing visual aids, and grant submissions.
- 1997 to 2005** **VS 501 Geometrical Optics** **Instructor**
 Taught a five-unit course on geometric optics to first year optometry students. Responsibilities included over thirty lectures, and laboratories. Topics included vergence, thin lenses, spherical refracting interfaces, eye models, thick lenses, prisms and mirrors.
- 1998 to 1999** **Optometry 411 Intermediate Geometrical Optics** **Instructor**
 Taught a five-unit course on geometric optics to first year optometry students. Responsibilities included thirty lectures, assessments, and laboratories. Topics included magnification, telescopes, apertures and stops, astigmatism, and aberrations.

- 1998 to 2011** **NEI Short-Term Training Program** **Program Director**
Developed and led a summer research program for optometry students. Program was designed to expose students to clinical vision research by a summer-long apprenticeship in faculty members' laboratories and a series of seminars and discussion sessions.
- 1999 to 2010** **VS 801 Optics of the Eye** **Instructor**
Taught 25% of a five-unit graduate course on visual optics. Topics included visual acuity, contrast sensitivity, disability glare, visual assessment, refractive surgery, and ocular biometry.
- 2000 to 2006** **VS 503 Geometrical Optics and Physical Optics** **Instructor**
Taught half of a five-unit course on geometric optics to first year optometry students. Responsibilities included twenty lectures, assessments, and laboratories. Topics included magnification, telescopes, apertures and stops, astigmatism, and aberrations.
- 2006 to 2010** **Optometry 431 Ophthalmic Optics I** **Instructor**
Taught a four-unit course on ophthalmic optics to second year optometry students. Responsibilities included over thirty lectures, and laboratories. Topics included characteristics of ophthalmic lenses, spectacle lens design, lens materials, multifocal lenses, filters, anisometropia.
- 2007 to 2011** **Optometry 432 Ophthalmic Optics II** **Instructor**
Taught a four-unit course on ophthalmic optics to second year optometry students. Responsibilities included over thirty lectures, and laboratories. Topics included characteristics of ophthalmic lenses, spectacle lens design, lens materials, multifocal lenses, filters, anisometropia.

The University of the West Indies (Trinidad)

- 2013** **Optometry 2072 Ophthalmic Lenses &. Dispensing** **Instructor**
Taught an intensive on ophthalmic optics to second year optometry students. Responsibilities included lectures and laboratories. Topics included characteristics of ophthalmic lenses, spectacle lens design, lens materials, multifocal lenses, tints, prisms, and lensometry.

University of Houston

- 2014** **Optometry 6311 Optics III** **Instructor**
Taught a three-unit course on ophthalmic optics to second year optometry students. Responsibilities included lectures, online instruction and assessment. Topics included characteristics of ophthalmic lenses, spectacle lens design, lens materials.
- 2015** **Optometry 6312 Optics IV** **Instructor**
Taught a three-unit course on ophthalmic optics to second year optometry students. Responsibilities included lectures, online instruction and assessment. Topics included multifocals, PALs, coatings and treatments, aniseikonia.

PUBLICATIONS

A. Peer-Reviewed Papers

1. **Bullimore MA**, Gilmartin B, Hogan RE. Objective and subjective measurement of tonic accommodation. *Ophthalmic Physiol Opt* 1986;6:57-62.
2. Gilmartin B, **Bullimore MA**. Sustained near-vision augments sympathetic innervation of the ciliary muscle. *Clin Vision Sci* 1987;1:197-208.
3. **Bullimore MA**, Gilmartin B. Tonic accommodation, cognitive demand, and ciliary muscle innervation. *Am J Optom Physiol Opt* 1987;64:45-50.
4. **Bullimore MA**, Gilmartin B. Aspects of tonic accommodation in emmetropia and late-onset myopia. *Am J Optom Physiol Opt* 1987;64:499-503.
5. **Bullimore MA**, Gilmartin B. Retinal eccentricity and the accommodative response. *Am J Optom Physiol Opt* 1987;64:644-5.
6. Wood JM, Wild JM, **Bullimore MA**, Gilmartin B. Factors affecting the normal perimetric profile derived by automated static threshold LED perimetry. I. Pupil size. *Ophthalmic Physiol Opt* 1988;8:26-31.
7. Wood JM, **Bullimore MA**, Wild JM, Gilmartin B. Factors affecting the normal perimetric profile derived by automated static threshold LED perimetry. II. Accommodative microfluctuations. *Ophthalmic Physiol Opt* 1988;8:32-6.
8. **Bullimore MA**, Gilmartin B. The accommodative response, refractive error and mental effort: 1. The sympathetic nervous system. *Doc Ophthalmol* 1988;69:385-97.
9. **Bullimore MA**, Boyd T, Mather HE, Gilmartin B. Near retinoscopy and refractive error. *Clin Exp Optom* 1988;71:114-8.
10. **Bullimore MA**, Gilmartin B. The measurement of adaptation of tonic accommodation under two open-loop conditions. *Ophthalmic Physiol Opt* 1989;9:72-5.
11. **Bullimore MA**, Conway R, Nakash A. Myopia in optometry students: family history, age of onset and personality. *Ophthalmic Physiol Opt* 1989;9:284-8.
12. **Bullimore MA**, Bailey IL. Stand magnifiers: an evaluation of new optical aids from COIL. *Optom Vis Sci* 1989;66:766-73.
13. Wacker RT, **Bullimore MA**, Dornbusch H, Pruett K, Bailey IL, Hall A. Illumination characteristics of mobility lights. *J Vis Impairment & Blindness* 1990;84:461-4.
14. Gilmartin B, **Bullimore MA**. Adaptation of tonic accommodation to sustained visual tasks in emmetropia and late-onset myopia. *Optom Vis Sci* 1991;68:22-6.

15. Bailey IL, **Bullimore MA**, Raasch TW, Taylor HR. Clinical grading and the effects of scaling. *Invest Ophthalmol Vis Sci* 1991;32:422-32.
16. **Bullimore MA**, Bailey IL, Wacker RT. Face recognition in age-related maculopathy. *Invest Ophthalmol Vis Sci* 1991;32:2020-9.
17. Matthews G, Middleton W, Gilmartin B, **Bullimore MA**. Pupillary diameter and cognitive load. *Journal of Psychophysiology* 1991;5:265-71.
18. Bailey IL, **Bullimore MA**. A new test for the evaluation of disability glare. *Optom Vis Sci* 1991;68:911-7.
19. Elliott DB, **Bullimore MA**, Bailey IL. Improving the reliability of the Pelli-Robson contrast sensitivity test. *Clin Vision Sci* 1991;6:471-5.
20. Gilmartin B, **Bullimore MA**, Rosenfield M, Winn B, Owens H. Pharmacological effects on accommodative adaptation. *Optom Vis Sci* 1992;69:276-82.
21. Bailey I, **Bullimore MA**. Measuring the effects of glare. *Optom Vis Sci* 1992;69:593-4.
22. Jacobs RJ, Bailey IL, **Bullimore MA**. Artificial pupils and Maxwellian view. *Appl Opt* 1992;19:3668-77.
23. **Bullimore MA**, Gilmartin B, Royston JM. Steady-state accommodation and ocular biometry in late-onset myopia. *Doc Ophthalmol* 1992;80:143-55.
24. Elliott DB, **Bullimore MA**. Assessing the reliability, discriminative ability, and validity of disability glare tests. *Invest Ophthalmol Vis Sci* 1993;34:108-19.
25. Chylack LT, Jr., Wolfe JK, Singer DM, Leske MC, **Bullimore MA**, Bailey IL, Friend J, McCarthy D, Wu S-Y, the LSC Study Group. The Lens Opacities Classification System III. *Arch Ophthalmol* 1993;111:831-6.
26. **Bullimore MA**, Jacobs RJ. Subjective and objective assessment of soft bifocal contact lens performance. *Optom Vis Sci* 1993;70:469-75.
27. **Bullimore MA**, Bailey IL. Considerations in the subjective assessment of cataract. *Optom Vis Sci* 1993;70:880-5.
28. **Bullimore MA**, Wood JM, Swenson K. Motion perception in glaucoma. *Invest Ophthalmol Vis Sci* 1993;34:3526-33.
29. Berman SM, **Bullimore MA**, Jacobs RJ, Bailey IL, Gandhi N. An objective measure of discomfort glare. *J Illum Eng Soc* 1994;23:40-49.
30. **Bullimore MA**, Sheedy JE, Owen D. Diurnal visual changes in radial keratotomy: implications for visual standards. Refractive Surgery Study Group. *Optom Vis Sci* 1994;71:516-21.

31. Kozak LC, **Bullimore MA**. Visual changes in human immuno-deficiency virus infection. *Optom Vis Sci* 1994;71:557-61.
32. Bailey IL, **Bullimore MA**, Greer RB, Mattingly WB. Low vision magnifiers--their optical parameters and methods for prescribing. *Optom Vis Sci* 1994;71:689-98.
33. **Bullimore MA**, Bailey IL. Reading and eye movements in age-related maculopathy. *Optom Vis Sci* 1995;72:125-38.
34. Wood JM, **Bullimore MA**. Changes in the lower displacement limit for motion with age. *Ophthalmic Physiol Opt* 1995;15:31-6.
35. Berman SM, **Bullimore MA**, Bailey IL, Jacobs RJ. The influence of spectral composition on discomfort glare for large size sources. *J Illum Eng Soc* 1996;25:34-40.
36. Berman SM, Fein G, Jewett DL, **Bullimore MA**, Benson B, Law T, Myers A. Lighting spectral effect on Landolt C performance is abolished by mydriasis. *J Illum Eng Soc* 1996;25:42-8.
37. Wood JM, **Bullimore MA**. Interocular differences in visual function in normal subjects. *Ophthalmic Physiol Opt* 1996;16:507-12.
38. Verdon W, Bullimore M, Maloney RK. Visual performance after photorefractive keratectomy. A prospective study. *Arch Ophthalmol* 1996;114:1465-72.
39. Elliott DB, **Bullimore MA**, Patla AE, Whitaker D. Effect of a cataract simulation on clinical and real world vision. *Br J Ophthalmol* 1996;80:799-804.
40. Raasch TW, Leat SJ, Kleinstein RN, **Bullimore MA**, Cutter GR. Evaluating the value of low-vision services. *J Am Optom Assoc* 1997;68:287-95.
41. Elliott DB, Patla A, **Bullimore MA**. Improvements in clinical and functional vision and perceived visual disability after first and second eye cataract surgery. *Br J Ophthalmol* 1997;81:889-95.
42. Raasch TW, Bailey IL, **Bullimore MA**. Repeatability of visual acuity measurement. *Optom Vis Sci* 1998;75:342-8.
43. **Bullimore MA**, Fusaro RE, Adams CW. The repeatability of automated and clinician refraction. *Optom Vis Sci* 1998;75:617-22.
44. Leat SJ, Legge GE, **Bullimore MA**. What is low vision? A re-evaluation of definitions. *Optom Vis Sci* 1999;76:198-211.
45. **Bullimore MA**, Olson MD, Maloney RK. Visual performance after photorefractive keratectomy with a 6-mm ablation zone. *Am J Ophthalmol* 1999;128:1-7.

46. Adams CW, **Bullimore MA**, Wall M, Fingeret M, Johnson CA. Normal aging effects for frequency doubling technology perimetry. *Optom Vis Sci* 1999;76:582-7.
47. Nichols JJ, Marsich MM, Nguyen M, Barr JT, **Bullimore MA**. Overnight orthokeratology. *Optom Vis Sci* 2000;77:252-9.
48. Marsich MM, **Bullimore MA**. The repeatability of corneal thickness measures. *Cornea* 2000;19:792-5.
49. Rah MJ, Mitchell GL, **Bullimore MA**, Mutti DO, Zadnik K. Prospective quantification of near work using the experience sampling method. *Optom Vis Sci* 2001;78:496-502.
50. **Bullimore MA**, Jones LA, Moeschberger ML, Zadnik K, Payor RE. A retrospective study of myopia progression in adult contact lens wearers. *Invest Ophthalmol Vis Sci* 2002;43:2110-3.
51. Subbaram MV, **Bullimore MA**. Visual acuity and the accuracy of the accommodative response. *Ophthalmic Physiol Opt* 2002;22:312-8.
52. Nichols JJ, Kosunick GM, and **Bullimore MA**. Reliability of corneal thickness and endothelial cell density measures. *J Refract Surg* 2003;19:344-52.
53. Sheedy JE, Schanz P, **Bullimore MA**. Evaluation of an automated subjective refractor. *Optom Vis Sci* 2004;81:334-40.
54. Sheng H, Bottjer C, **Bullimore MA**. Ocular component measurement using the Zeiss IOLMaster. *Optom Vis Sci* 2004; 81:27-34.
55. Twa MD, Bailey MD, Hayes J, **Bullimore MA**. Pupil size estimation using digital photography. *J Cataract Refract Surg* 2004;30:381-389.
56. Bailey, MD, Olson MD, **Bullimore MA**, Jones LA, Maloney RK. Visual function after LASIK. *Optom Vis Sci* 2004;81:362-368.
57. Twa MD, Nichols JJ, Joslin C, Kolbaum P, Edrington T, **Bullimore MA**, Mitchell GL, Cruickshanks K, Schanzlin DJ. Characteristics of corneal ectasia after LASIK for myopia. *Cornea* 2004;23:447-57.
58. Kwok LS, Pierscionek BK, **Bullimore M**, Swarbrick HA, Mountford J, Sutton G. Orthokeratology for myopic children: wolf in sheep's clothing? *Clin Experiment Ophthalmol* 2005;33:343-7.
59. Twa MD, Lembach RG, **Bullimore MA**, Roberts C. A prospective randomized clinical trial of laser in-situ keratomileusis using two different lasers. *Am J Ophthalmol* 2005;140:173-83.

60. Walline JJ, Holden BA, **Bullimore MA**, Rah MJ, Asbell PA, Barr JT, Caroline PJ, Cavanagh DH, Despotidis N, Fonn D, Koffler BH, Reeder K, Swarbrick HA, Wohl L. The current state of corneal reshaping. *Eye Contact Lens* 2005;31:209-14.
61. Dougherty BE, Flom RE, **Bullimore MA**. An evaluation of the Mars Letter Contrast Sensitivity Test. *Optom Vis Sci* 2005; 82:970-5.
62. Schein O, McNally JJ, Katz J, Chalmers RL, Tielsch J, Alfonso E, **Bullimore MA**, O'Day D, Shovlin J. The incidence of microbial keratitis among wearers of a 30-day silicone hydrogel extended-wear contact lens. *Ophthalmology* 2005;112:2172-9.
63. Twa MD, Parthasarathy S, Roberts C, Mahmoud AM, Raasch TW, **Bullimore M**. Automated decision tree classification of corneal shape. *Optom Vis Sci* 2005;82:1038-46.
64. **Bullimore MA**, Reuter KS, Jones LA, Mitchell GL, Zoz J, Rah MJ. The Study of Progression of Adult Nearsightedness (SPAN): design and baseline characteristics. *Optom Vis Sci* 2006;83:594-604.
65. Marsolo K, Twa MD, Parthasarathy S, **Bullimore MA**. Spatial modeling and classification of corneal shape. *IEEE Trans Inf Technol Biomed* 2007;11:203-212.
66. Sheng H, **Bullimore MA**. Factors affecting corneal endothelial morphology. *Cornea* 2007;26:520-5.
67. Chalmers RL, McNally JJ, Schein O, Katz J, Tielsch J, Alfonso E, **Bullimore MA**, O'Day D, Shovlin J. Risk factors for corneal infiltrates with continuous wear of contact lenses. *Optom Vis Sci* 2007;84:573-9.
68. Sheng H, Parker E, **Bullimore MA**. An Evaluation of the Confoscan3 for corneal endothelial morphology analysis. *Optom Vis Sci* 2007;84:888-95.
69. Richdale K, **Bullimore MA**, Zadnik K. Lens thickness with age and accommodation by optical coherence tomography. *Ophthal Physiol Opt* 2008;28:441–447.
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