

Paper Sessions at Academy 2008 Anaheim

Wed., October 22, 2008

8:00 AM 2 hours Room 211A-B
P-01 Papers: Mechanisms of Refractive Error
Moderators: Elise Harb, OD, MSc, FAAO; Jane Gwiazda, PhD, FAAO

8:00 AM Ciliary Body Thickness and Accommodative Lag in Adults, Lauren E. Ernst, BS; Loraine T. Sinnott, MS, PhD; Melissa D. Bailey, OD, PhD, FAAO, Ohio State University

8:15 AM Accommodations Effect on Peripheral Refraction, Chris Clark; Jie Shen; P. Sarita Soni, OD, MS, FAAO; Larry N. Thibos, PhD, FAAO, Indiana University

8:30 AM The Effect of Lens-Induced Anisometropia on the Accommodative Response in Marmoset Monkeys, Elise N. Harb, OD, MSc, FAAO, New England College of Optometry; Sanbrita Ghosh, New England College of Optometry; Kristen Totonelly, State University of New York Optometry, New England College of Optometry; Mark O'Connor, New England College of Optometry; David Troilo, PhD, State University of New York Optometry

8:45 AM Temporal Characteristics of Blur Adaptation, Vidhya Subramanian, BSoptom, MS; Donald Mutti, OD, PhD, FAAO, Ohio State University

9:00 AM Hemi-Retinal Form Deprivation and Refractive Development in Monkeys, Earl L. Smith, OD, PhD, FAAO; Jenny Huang, BSoptom; Li-Fang Hung, PhD, OD, University of Houston

9:15 AM The Relation Between Accommodative Lag, AC/A Ratio, and Progression of Myopia in an Adult Population, Mark A. Bullimore, MCOptom, PhD, FAAO; G. Lynn Mitchell, BS, MAS, FAAO; Lisa A. Jones, PhD, FAAO; Kathleen S. Reuter, OD, Ohio State University

9:30 AM Visual Activities Before and After the Onset of Childhood Myopia, Lisa A. Jones, PhD, FAAO, Ohio State University; G. Lynn Mitchell, BS, MAS, FAAO, Ohio State University; Donald O. Mutti, OD, PhD, FAAO, Ohio State University; Susan A. Cotter, OD, MS, FAAO, Southern California College of Optometry; Robert N. Kleinstejn, OD, MPH, PhD, FAAO, University of Alabama at Birmingham; Ruth E. Manny, OD, PhD, FAAO, University of Houston; J. Daniel Twelker, OD, PhD, FAAO, University of Arizona; Karla Zadnik, OD, PhD, FAAO, Ohio State University; Study Group CLEERE

10:00 AM 2 hours Room 212A-B
P-02 Papers: Optics & Refractive Surgery
Moderator: Thomas W. Raasch, OD, PhD, FAAO; Austin Roorda, PhD

10:00 AM Pupil Center with Respect to Vertex Normal in Videokeratography: Implications for Refractive Corrections, Raymond A. Applegate, OD, PhD, FAAO, Visual Optics Institute College of Optometry University of Houston; Larry N. Thibos, PhD, FAAO, Indiana University; Michael D. Twa, OD, PhD, FAAO, Visual Optics Institute College of Optometry University of Houston; Edwin Sarver, PhD, Sarver and Associates Inc.

10:15 AM Meta-Analysis of Studies Comparing Wavefront Aberration and Visual Performance of Spherical and Aspheric Intraocular Lenses, Konrad Pesudovs, BSc Optom, PhD, DipAdvClinOptom, FCLSA, FAAO, FVCO

10:30 AM Cone Photoreceptor Packing Density in Emmetropic Eyes, Toco Yuen Ping Chui, BSc, MSc; HongXin Song; Stephen A. Burns, FAAO, Indiana University

10:45 AM Computer-Assisted Vector Subjective Refraction, Thomas W. Raasch, OD, PhD, FAAO, Ohio State University; Andrew J. Toole, OD, PhD, FAAO, Ohio State University; Marc Burcham, BS, Ohio State University; Christian L. Kuether, FAAO, University of Houston

11:00 AM The Use of Preoperative Factors to Predict a Postoperative Change in Visual Performance for a Myopic WFG LASIK Population, Michelle Thomas Aaron, OD, FAAO; Raymond A. Applegate, OD, PhD, FAAO, University of Houston; David Tanzer, MD, Navy Refractive Surgery Center; Tyson J. Brunstetter, OD, PhD, FAAO, Navy Refractive Surgery Center

11:15 AM Calibration of the New Visante Optical Coherence Tomographer, Jyotsna Maram; Luigina Sorbara, OD, MSc, FAAO, Dip C&CL; Trefford Simpson, DipOptom, MSc, PhD; Desmond Fonn, DipOptom, MOptom, FAAO, Centre for Contact Lens Research

11:30 AM Signs and Symptoms of Dryness in Habitual Users of Over-The-Counter Ocular Lubricants, Craig A. Woods, BSc, PhD, MCOptom, DipCL, FAAO, FVCO; Kathryn A. Dumbleton, MSc, MCOptom, FAAO; Desmond Fonn, DipOptom, MOptom, FAAO; Simone Schneider, Dipl Ing, FH, MSc, Centre for Contact Lens Research

8:00 AM 4 hours Room 304D
P-03 Papers: Ocular Surface, Tear Film
Moderators: Caroline Blackie, OD, PhD, FAAO; Carolyn Begley, OD, MS, FAAO

8:00 AM Temporal Sequencing of the Tear Meniscus Height (TMH), Ety Bitton, OD, MSc, FAAO, Universite de Montreal L'Ecole d'optometrie; Lyndon W. Jones, PhD, FCOptom, FAAO, Centre for Contact Lens Research; Trefford Simpson, DipOptom, PhD, Centre for Contact Lens Research

8:15 AM The Visual Effect (VE) and Residence Time (RT) of Artificial Tears (AT) in Dry Eye Subjects, Jonathan Q. Hall; William H. Ridder, OD, PhD, FAAO; Andrew Nguyen; Jerry R. Paugh, OD, PhD, FAAO, Southern California College of Optometry

8:30 AM Evaporation is the Primary Mechanism of Pre-Corneal Tear Film Thinning, Samuel Kimball; Ewen King-Smith, PhD, FAAO; Jason J. Nichols, OD, MPH PhD, FAAO, Ohio State University

8:45 AM An Alternative Method to Fluorophotometry for Measuring Tear Production, Alan Tomlinson, MSc, PhD, DSc, FCOptom, DCLP, DOrth, FAAO, Glasgow Caledonian University; Louise McCann, BSc, MOptom, Glasgow Caledonian University; Santosh Khanal, BSc, PhD, Glasgow Caledonian University; Anthony Fisher, PhD, Department of Clinical Engineering Royal Liverpool University Hospital; Stephen Kaye, MB, ChB, FRCS, St. Paul's Eye Unit Royal Liverpool University Hospital

9:00 AM Comparison of Signs and Symptoms of Dry Eye When Using Ocular Lubricants of Differing Viscosity, Kathryn A. Dumbleton, MSc, MCOptom, FAAO; Craig A. Woods, BSc, PhD, MCOptom, DipCL, FAAO, FVCO; Simone Schneider, Dipl Ing, FH, MSc; Desmond Fonn, DipOptom, MOptom, FAAO, Centre for Contact Lens Research

9:15 AM The Dry Eye Questionnaire 5 (DEQ-5): Use of a 5-Item Habitual Symptom Score to Discriminate Between Groups With Varying Dry Eye Diagnoses, Robin L. Chalmers, OD, FAAO, Indiana University; Carolyn G. Begley, OD, MS, FAAO; Barbara Caffery, OD, MS, FAAO

9:30 AM Concurrent Interferometric Measures of Lipid Layer Thickness and Tear Film Thinning Before and After Application of a Lipid Emulsion Drop, Erich A. Hinel, BS, Ohio State University; Ewen King-Smith, PhD, FAAO; Jason J. Nichols, OD, MPH, PhD, FAAO

9:45 AM Tear Protein Extraction from Schirmer Strips, Christopher Paulett; Heather L. Chandler, PhD; Kelly K. Nichols, OD, MPH, PhD, FAAO, Diplomate, Public Health, Ohio State University

Papers: Dry Eye

Moderator: Lyndon Jones, PhD FCOptom FAAO; Milton Hom, OD, FAAO

10:15 AM Assessment of Ocular Surface Dryness in Postmenopausal Females Using Dry Eye Questionnaires, Sruthi Srinivasan, PhD, BSOptom, FAAO, Centre for Contact Lens Research; Trefford L. Simpson, MSc, PhD, DipOptom, Centre for Contact Lens Research; Michelle Senchyna, PhD, Alcon Research Ltd; Lyndon W. Jones, PhD, FCOptom, FAAO, Centre for Contact Lens Research

10:30 AM Using Sensory Descriptors to Interpret Tear Instability, Eliza Salvo; Carolyn G. Begley, OD, MS, FAAO; Haixia Liu, Indiana University

10:45 AM Assessing Visual Parameters in Dry Eye Disease, Kelly K. Nichols, OD, MPH, PhD, FAAO, Diplomate, Public Health; Loraine T. Sinnott, MS, PhD; Ewen King-Smith, PhD, FAAO; Jason J. Nichols, OD, MPH, PhD, FAAO, Ohio State University

11:00 AM The Effect of Age on Response to Transdermal Testosterone Treatment for Dry Eye, Charles G. Connor, PhD, OD, FAAO, Southern College of Optometry

11:15 AM Tear Film Proteomic Analyses in Keratoconus, Catherine M. Pannebaker, OD; Heather L. Chandler; Jason J. Nichols, OD, MPH, PhD, FAAO, Ohio State University

11:30 AM Hyper-Reflective Cells Observed by Confocal Microscopy as an Indicator of Lens and Lens Care Interactions, Simone Schneider, Dipl Ing, FH, MSc; Trefford L. Simpson, MSc, PhD, DipOptom; Craig A. Woods, BSc, PhD, MCOptom, DipCL, FAAO, FVCO; Doris Richter; Desmond Fonn, DipOptom, MOptom, FAAO, Centre for Contact Lens Research

11:45 AM Albumin Penetration into Intraocular Lenses Imaged by Confocal Microscopy, Doerte Luensmann, Dipl Ing, Centre for Contact Lens Research; Miriam Heynen, MSc, University of Waterloo; Lyndon W. Jones, PhD, FCOptom, FAAO, Centre for Contact Lens Research

2:00 PM 4 hours Room 304D
P-04 Papers: Cornea
Moderators: Barbara Caffery, OD, MS, FAAO; Alan Tomlinson, MSc, PhD, DSc, FCOptom, DCLP, DOrth, FAAO

2:00 PM A Comparison of Three Methods of Measuring Corneal Thickness in Normal and Thinned Corneas, Amber Colling, BA; Kathryn Richdale, OD, MS, FAAO; Mark A. Bullimore, MCOptom, PhD, FAAO, Ohio State University

2:15 PM Clinical Comparison of Primary and Secondary Sjogren's Syndrome, Barbara Caffery, OD, MS, FAAO, University of Waterloo

2:30 PM Lid and Conjunctival Microbiota in Children with Contact Lens Wear, Maria Markoulli; Percy Lazon de la Jara, PhD; Padmaja Sankaridurg, PhD; Najat Harmis; Brien Holden, PhD, Institute for Eye Research

2:45 PM Comparison of Grading a Biomicroscopy Sign Among Eyecare Practitioners from Three Countries, Bill Long, BS, FAAO, FBCLA

3:00 PM A Tissue Engineered Universal Artificial Corneal Epithelium, Danielle M. Robertson, OD, PhD; Jerry Kalangara; Rebecca Baucom; H. Dwight Cavanagh, MD, PhD, FAAO, University of Texas Southwestern Medical Center

3:15 PM The Thinner Keratoconic Corneal Stroma – Did we Lose Lamellae?, Jessica H. Mathew, OD; John Goosey, MD; Jan P.G. Bergmanson, OD, PhD, FAAO, Texas Eye Research & Technology Center

3:30 PM Perceptual Differences Between Reference Images of Bulbar Redness Grading Scales, Marc M. Schulze, Dipl Ing, Centre for Contact Lens Research; Natalie Hutchings, BSc, PhD, University of Waterloo; Trefford L. Simpson, MSc, PhD, DipOptom, Centre for Contact Lens Research

3:45 PM Variations Across the Cornea: A Comparison of Corneal Thickness Measurements with Oculus Pentacam and Ultrasound Pachymeter, Dimitra Makrynioti, MSc, Eurolens Research The University of Manchester; Philip B. Morgan, BSc(Hons), PhD, MCOptom, FAAO, FBCLA, Eurolens Research The University of Manchester

Moderators: Danielle Robertson, OD, PhD; Muriel M. Schornack, OD, FAAO

4:15 PM Determining the Prevalence of Sleep Apnea in Keratoconus and its Impact on Quality of Life, Renee E. Reeder, OD, FAAO; Jennifer Harthan; Jeff Horst, Illinois College of Optometry

4:30 PM Ocular Imaging with Ultra-High Field MRI, Kathryn Richdale, OD, MS, FAAO, Ohio State University; Petra Schmalbrock, PhD, Ohio State University; Peter Wassenaar, MS, Ohio State University; Eric Frederick, Harvard Medical School; Samuel Patz, PhD, Harvard Medical School; Mark A. Bullimore, MCOptom, PhD, FAAO, Ohio State University

4:45 PM Opportunities for Protection Against TNF-Alpha Induced Loss in the Barrier Integrity of Corneal Endothelium, SP Srinivas, PhD, FAAO; Mahesh Shivanna, Indiana University

5:00 PM Visual Outcomes of Boston Type 1 Keratoprosthesis Implantation, Karen M. Dunlap, OD, VA Medical Center; Elliott H. Myrowitz, OD, MPH, FAAO, Johns Hopkins University Wilmer Eye Institute; Esen Akpek, MD, Johns Hopkins University Wilmer Eye Institute

5:15 PM An In Vivo Measurement of the Spatial Distribution of the Peripheral Radiation Focusing Property of the Cornea, Stephen J. Dain, PhD, FAAO; Minas T. Coroneo, MD; Angel Hu, BOptom; Adrian Teh, BOptom; Jane Tseng, BOptom; Nam Vu, BOptom, University of New South Wales

5:30 PM The Association Between Acanthamoeba Keratitis and Showering with Contact Lenses, Charlotte E. Joslin, OD, FAAO, University of Illinois Chicago; Elmer Y. Tu, MD; Leslie Stayner, PhD; Faith Davis, PhD

5:45 PM Ocular Response to Grass Pollen, Shehzad A. Naroo, BSc(Hons), MSc, PhD, FIACLE, FAAO, FBCLA, Aston University; Navneet Gupta, BSc(Hons), MCOptom, Aston University; James S. Wolffsohn, PhD, FAAO, Aston University; Claire Potter, PhD, University of Worcester; Jean Emberlin, PhD, University of Worcester

Thurs., October 23, 2008

8:00 AM 4 hours Room 211A-B
P-05 Papers: Posterior Segment/Glaucoma
Moderators: Mark Sawamura, OD, FAAO; George W. Comer,
OD, MBA, FAAO

8:00 AM Diastolic Blood Pressure and Retinal Thickness are Related in Diabetic Eyes with Retinopathy—A Pilot Study., Wendy W. Harrison, OD, MS, University of California Berkeley; Jason Ng, OD, FAAO; Marcus A. Bearnse Jr, PhD; Jessica Neuville; Kevin Bronson-Castain, PhD; Lernik Mesropian; Shirin Barez, MD; Marilyn Schneck; Tony J. Adams, OD, PhD, FAAO, University of California Berkeley

8:15 AM Exploring the Stem Cell Characteristics of Muller Cells, Joe Phillips, BS; Krista Beach, OD student; Deborah Otteson, PhD lab PI, University of Houston

8:30 AM Improve Contrast of Sub-Retinal Structures in High Resolution Aoslo Images, Hongxin Song, PhD; Toco Yuen Ping Chui, BSc, MSc; Zhangyi Zhong; Stephen A. Burns, FAAO

8:45 AM Automated Detection of Retinal Pathology in Non-Exudative Age-Related Macular Degeneration Using Scanning Laser Polarimetry, Dean A. VanNasdale; Ann Elsner, FAAO; Bryan P. Haggerty; Brian Hansel, BS; Joel Papay, Indiana University

9:00 AM Safety and Efficacy of Epiretinal Brachytherapy & Bevacizumab for the Treatment of Subfoveal CNV Secondary to AMD- VA & Safety at 18 Months, Khan Lau, OD; Jeffery Nau, MMS

9:15 AM Comparing 4th Generation Fluoroquinolones in an Outpatient Surgery Center: A Retrospective Analysis of Endophthalmitis Rates Post-Cataract Surgery, Michael K. Jensen, RPh, MS, Clinical Associate Professor-Pharmacy Practice University of Utah; Richard Fiscella, RPh, MPH, Clinical Professor, University of Illinois-Chicago, Department of Ophthalmology

9:30 AM The “Junction” of the Inner and Outer Segments of the Photoreceptors as Documented with SD OCT is Abnormal in Various Disorders of the Outer Retina, Jerome Sherman, OD, FAAO, State University of New York; Richard J. Madonna, OD, MA, FAAO, State University of New York; Juliana Boneta, OD, State University of New York; Anshu Chandra, OD, State University of New York; Sanjeev Nath, MD, Private Practitioner; William He, BS, State University of New York

Moderators: William Swanson, PhD, FAAO Pinakin Gunvant, BSOptom, PhD, FAAO

10:00 AM The Effect of IOP on Clinicians’ Perceptions of Glaucomatous Optic Neuropathy, Richard J. Madonna, OD, MA, FAAO; Leon Nehmad, OD, FAAO, State University of New York

10:15 AM Efficacy of Trabeculectomy with and without the EX-Press Shunt, Glendy Lau, OD; Scott Young, OD; Richard Lehrer, MD, Ohio State University

10:30 AM Ganglion Cell Responses to Perimetric Stimuli, William H. Swanson, PhD, FAAO, Indiana University; Hao Sun, PhD, State University of New York; Barry Lee, PhD, State University of New York; Dingcai Cao, PhD, State University of New York

11:00 AM Modeling Test-Retest Variability in Perimetry: A Theory of Why the Blind Spot Differs From a Dense Scotoma, Harry J. Wyatt, PhD, FAAO, State University of New York

10:45 AM Assessing Retest Variability Near Scotomas and the Blind Spot with Fine-Spaced Test Arrays, Jack K. Chan, BS, MS, State University of New York; Harry J. Wyatt, PhD, FAAO, State University of New York; William H. Swanson, PhD, FAAO, Indiana University; Mitchell W. Dul, OD, MS, FAAO, State University of New York

11:15 AM Structural and Perimetric Measures of Glaucomatous Damage: Agreement and Fluctuation in Probability of Defect, Victor E. Malinovsky, OD, FAAO, Indiana University; William H. Swanson, PhD, FAAO, Indiana University; Mitchell W. Dul, OD, MS, FAAO, State University of New York; Aliya Hot, OD MS, State University of New York; Karen Holopigian, PhD, New York University Medical Center Department of Ophthalmology

11:30 AM Agreement Between Dynamic Contour®, Ocular Response Analyzer®, and Goldmann Applanation Tonometry Estimates of Intraocular Pressure, Michael Sullivan Mee, OD, FAAO; Gretchen Gerhardt, OD; Kathy D. Halverson, OD, Albuquerque VA Medical Center

11:45 AM Evaluation of Dynamic Contour Tonometry in an Afro-Caribbean Population, Barry J. Frauens, OD, FAAO; Eulogio Besada, OD, MS, FAAO; Lewis N. Reich, OD, PhD, FAAO, Nova Southeastern University College of Optometry; Patrick Hardigan, PhD, Nova Southeastern University

12:00 PM Multispectral Diagnostic Imaging of the Iris, Daniel K. Roberts, OD, MS, FAAO, Illinois College of Optometry; Ana Lukic, PhD, Predictek Inc; Yongyi Yang, PhD, Predictek Inc; Miles Wernick, PhD, Predictek Inc

1:30 PM 2 hours Room 211A-B
P-06 Papers: Optometric Education/Public Health
Moderators: David Damari, OD, FCOVD, FAAO; Stacy A. Lyons, OD, FAAO

1:30 PM Student Loan Debt for the Graduating Optometry Students of 2008, Michael Bacigalupi, OD, MS, FAAO, Nova Southeastern University College of Optometry

1:45 PM The Impact of Pediatric Residency Training on Professional Career Path, Stacy A. Lyons, OD, FAAO; Nicole B. Quinn, OD, FAAO, New England College of Optometry

2:00 PM A Ten Year Retrospective of the Clinical Experience of Students During Externships, Etty Bitton, OD, MSc, FAAO, Université de Montréal L'École d'optométrie

2:15 PM The Impact of the Interview Process on the Admission of 2007-2012 Students at École D'Optométrie de L'Université de Montréal, Langis Michaud, OD, FAAO, Diplomate, Cornea and Contact Lenses; Pierre Forcier, MSc, Université de Montréal L'École d'optométrie

2:30 PM Teaching Clinical Thinking for the New Format of the NBEO, David A. Damari, OD, FCOVD, FAAO; Cynthia G. Heard, OD, FAAO; Jennifer Jones, OD, Southern College of Optometry

2:45 PM Talking with and About Older Adult Patients: The Socializing Power of Patient-Centered Talk, Marlee M. Spafford, OD, MSc, PhD, FAAO; Jenna M. Hildebrand, HBSc; Catherine F. Schryer, PhD, University of Waterloo

3:00 PM Use of Eye Care Services in Hong Kong Type 2 Diabetes: Comparison of Ocular Disorders in Diabetes with and without Retinal Examination in the Past, Mavis Fung, BSc(Hons)Optom; Karen Cheng, OD; Maurice Yap, PhD, MCOptom, FAAO, The Hong Kong Polytechnic University

3:15 PM Visual Conditions in Veterans Followed at a VA Polytrauma Network Site, Thomas R. Stelmack, OD, FAAO, Jess Brown VA Medical Center (Chicago); D'Anna Van Koevering, MA, Hines VA Hospital; Steve Rinne, MA, Hines VA Hospital; Theresa Firth, OD, Hines VA Hospital; Barbara Hunt, PhD, Hines VA Hospital; Joan A. Stelmack, OD, FAAO, Illinois College of Optometry

Fri., October 24, 2008

10:00 AM 2 hours Room 211A-B
P-07 Papers: Binocular Vision/Pediatrics
Moderators: Wendy L. Marsh-Tootle, OD, MS, FAAO; Susan A. Cotter, OD, MS, FAAO

10:00 AM Understanding Preschool Vision Screening in Primary Care Settings, Wendy L. Marsh-Tootle, OD, MS, FAAO; Ellen Funkhouser, PhD; Terry Wall, MD MPH; Marcela Frazier, OD, MPH, FAAO

10:15 AM Bifocals in Children with Down Syndrome (BIDS) - The Impact on Accommodation, Early Literacy Skills and Visual Perceptual Skills, Krithika Nandakumar, BS Optom; Susan J. Leat, PhD, FAAO, FCOptom, University of Waterloo

10:30 AM Detection of Significant Refractive Error with Suresight, Retinomax, and Non-Cycloplegic Retinoscopy, Marjean T. Kulp, OD, MS, FAAO, Ohio State University; Vision in Preschoolers Study Group

10:45 AM Lag of Accommodation by Autorefraction and Two Dynamic Retinoscopy Methods, Ruth E. Manny, OD, PhD, FAAO, University of Houston; Danielle Chandler, MSPH, Jaeb Center for Health Research; Mitchell M. Scheiman, OD, FAAO, FCOVD, Pennsylvania College of Optometry; Jane Gwiazda, PhD, FAAO, New England College of Optometry; Pediatric Eye Disease Investigator Group Correction of Myopia Evaluation Trial2 Study Group

11:00 AM Screening of Eye Coordination, Anne Vollmar, BS; Marjean T. Kulp, OD, MS, FAAO; G. Lynn Mitchell, BS, MAS, FAAO

11:15 AM Weekend Atropine Treatment for Severe Amblyopia in 3 to <7 Year-Old Children, Susan A. Cotter, OD, MS, FAAO, Southern California College of Optometry; David Weakley, MD, University of Texas Southwestern Medical Center; Ray Kraker, Jaeb Center for Health Research

11:30 AM Genetic and Environmental Causes of Eye Misalignment: Evidence from Twins, Jeremy B. Wilmer, PhD, State University of New York; Benjamin Backus, PhD, State University of New York

11:45 AM Effectiveness of Placebo Vision Therapy for Maintaining Masking in a Clinical Trial, Marjean T. Kulp, OD, MS, FAAO, Ohio State University; CITT Group

10:00 AM 1.25 hours Room 212A-B

P-08 Papers: Low Vision/Neuro

Moderators: Ian L. Bailey, OD, DSc, FCOptom, FAAO

10:00 AM Comparison of Scoring Approaches for the NEI-VFQ 25 in a Low Vision Population, Bradley Dougherty, MS, OD, Ohio State University; Mark A. Bullimore, MCOptom, PhD, FAAO, Ohio State University

10:15 AM Berkeley Rudimentary Vision Test – Extending the Range of Visual Acuity Measurement, Ian L. Bailey, OD, DSc, FCOptom, FAAO; A. Jonathan Jackson, PhD, MCOptom; Hasan Minto, OD, University of California Berkeley

10:30 AM Meander Mazes: A Tool for Simulation, Assessment and Rehabilitation of Prosthetic Vision, Gislin Dagnelie, PhD, FAAO; Liancheng Yang, Johns Hopkins University Wilmer Eye Institute

10:45 AM Traumatic Brain Injury in Military Personnel: Mechanisms of Injury and Visual Findings, Heidi M. Wilgenburg; Gregory Goodrich, PhD, FAAO; Karen Brahm; Jennine Kirby, OD, VA Palo Alto Healthcare System

11:00 AM Alzheimer's Disease: Biomarkers in the Visual System, Denise A. Valenti, OD, FAAO, Boston University School of Medicine

4:00 PM 2 hours Room 212A-B

P-10 Papers: Corneal Disease/Contact Lens

Moderators: Charlotte E. Joslin, OD, FAAO; Simon Kilvington, PhD

4:00 PM The Association Between Acanthamoeba Keratitis and Contamination of Water Supplies, Charlotte E. Joslin, OD, FAAO, University of Illinois Chicago; Elmer Y. Tu, MD; Megan Shoff, MS; Greg Booton, PhD; Paul Fuerst, PhD; Leslie Stayner, PhD; Davis Faith, PhD

4:15 PM Application of a Novel Method for Evaluating Corneal Vascularisation, Jill Woods, BSc(Hons) MCOptom; Simone Schneider, Dipl Ing FH MSc; Craig A. Woods, BSc, PhD, MCOptom, DipCL, FAAO, FVCO; Desmond Fonn, DipOptom, MOptom, FAAO, Centre for Contact Lens Research

4:30 PM Acuity and Aberrations in Rose K Lenses for Keratoconus, Gilbert Blanks, OD, MS, FAAO; Heidi Wagner, OD, MPH, FAAO, Nova Southeastern University College of Optometry

4:45 PM Recovery of Orthokeratology Epithelial Changes After Cessation of One Month of Lens Wear: A Histological Study, Jennifer D. Choo, OD, PhD, Institute for Eye Research; Brien A. Holden, BAppSc PhD DSc OAM FAAO, Institute for Eye Research; Patrick J. Caroline, FAAO, Pacific University

5:00 PM Anterior Corneal “Microfolds” in Orthokeratology, Norman E. Leach, OD, MS, FAAO, Texas Eye Research & Technology Center; William L. Miller, OD, PhD, FAAO, Texas Eye Research & Technology Center; Angela Minavi, OD, FAAO, Private Practitioner; Sami G. El Hage, OD, PhD, DSc, FAAO, Private Practitioner; Jan P.G. Bergmanson, OD, PhD, FAAO, Texas Eye Research & Technology Center

5:15 PM Use of the Pediatric Refractive Error Profile Survey in the Adolescent and Child Health Initiative to Encourage Vision Empowerment (ACHIEVE) Study, Marjorie J. Rah, OD, PhD, FAAO, The New England College of Optometry; Jeffrey J. Walline, OD, PhD, FAAO, Ohio State University; Lisa A. Jones, PhD, FAAO, Ohio State University; Loraine Sinnott, PhD, Ohio State University; John M. Jackson, OD, MS, FAAO, Southern College of Optometry; Stacy A. Lyons, OD, FAAO, New England College of Optometry; Bradley Coffey, OD, FAAO, Pacific University

5:30 PM Assessment of Upper and Lower Lid Margin with Lissamine Green, Michel Guillon, FAAO, Optometric Technology Group; Cecile A. Maissa, PhD, Optometric Technology Group

5:45 PM Comparison of the Simplicity of Completing an Initial Fit of Symptomatic Early Presbyopes with Monovision and an Aspheric Multifocal Silicone Hydrogel, Jill Woods, BSc(Hons), MCOptom; Craig A. Woods, BSc, PhD, MCOptom, DipCL, FAAO, FVCO; Desmond Fonn, DipOptom M.Optom FAAO, Centre for Contact Lens Research

2:00 PM 3 hours Room 304D
P-09 Papers: Visual Function

Moderators: Jeff C. Rabin, OD, MS, PhD, FAAO; Mitchell W. Dul, Jr., OD, MS, FAAO

2:00 PM Do Central and Peripheral Visual Fields Play a Role in Postural Control?, Jean-Marie Hanssens, MSc; Jean-Claude Pignonier; Remy Allard; Jocelyn Faubert, Université de Montréal Optométrie

2:15 PM Impact of Pop Out Distracters on the Attended Field of View (AFOV), Raiju J. Babu, BSOptom, MSc; Graham Strong, OD, Msc; Susan J. Leat, PhD, FAAO, FCOptom; Elizabeth Irving, OD, MSc, PhD, University of Waterloo

2:30 PM Effects of Variations in Retinal Illuminance on Contrast Sensitivity Perimetry and Frequency Doubling Technology Perimetry (FDT2/MATRIX), Mitchell W. Dul, OD, MS, FAAO, State University of New York; Aliya Hot, OD, MS, State University of New York; William Swanson, PhD, FAAO, Indiana University

2:45 PM Integrating Letter Features for Reading in Central and Peripheral Vision, Brian Cox, BS; Yiji Lin, BS, MS; Susana T.L. Chung, MScOptom, PhD, FAAO, University of Houston

3:00 PM Effects of Transverse Chromatic Aberration on Peripheral Processing Revealed by Cleartype-Rendered Text, Shun-nan Yang, PhD, Pacific University; Hannu R. Laukkanen, OD, MEd, FAAO, Pacific University; Yu-Chi Tai, Ph D, Pacific University

3:15 PM Circular Spot Chromatic Visual Evoked Potentials as Function of Chromatic Axes in MBDKL Colour Space, Naveen K. Challa, BScOpt; Declan Mckeeffry, BSc, PhD, University of Bradford

3:30 PM The Complexity, or Simplicity, of Colour Vision Processing in Children and Adults, Mei Ying Boon, PhD, BOptom (Hons) UNSW; Catherine M. Suttle, PhD, MCOptom; Bruce Henry, PhD, BSc; Stephen J. Dain, PhD, FAAO, University of New South Wales

3:45 PM Effects of Simulated Altitude on Color Discrimination Using the Farnsworth D-15 and Lanthony Desaturated D-15 Tests, Ivy Tat, Ohio State University; Gregory W. Good, OD, PhD, FAAO, Ohio State University; Nelda Milburn, PhD, Federal Aviation Administration

4:00 PM Binocular Enhancement of Contrast Sensitivity and Spatial Frequency, Jeff C. Rabin, OD, MS, PhD, FAAO; Steve Linnemeyer; Michael Foxworth, USAF School of Aerospace Medicine

4:15 PM Sensory Eye Dominance Perimetry and its Effect on Stereopsis, Teng Leng Ooi, BSOptom, PhD, FAAO, Pennsylvania College of Optometry; Jingping Xu, University of Louisville; Yong Su, Pennsylvania College of Optometry; Zijiang J. He, PhD, University of Louisville

4:30 PM Are the Outputs of Compact Fluorescent Lamps Consistent with the Claims Made?, Stephen J. Dain, PhD, FAAO, University of New South Wales; Gloria Yuen, MBIomedEng, University of New South Wales; Alistair Sproul, PhD, University of New South Wales

4:45 PM Viewing Distance and Visual Discomfort While Using Handheld Displays, Yu-Chi Tai, PhD, Pacific University; James E. Sheedy, OD, PhD, FAAO, Pacific University; John R. Hayes, PhD, Pacific University; James J. Kundart, OD, MEd, FAAO, Pacific University; Hannu R. Laukkanen, OD, MEd, FAAO, Pacific University

Sat., October 25, 2008

8:00 AM 4 hours Room 212A-B
P-11 Papers: Contact Lenses: Solutions & Materials/Performance Factors
Moderators: Jason Nichols, OD, MPH, PhD, FAAO; Robin L. Chalmers, OD, FAAO

8:00 AM Clinical Comparison of Two Care Regimens on Group II (OMAFILCON A) Lenses, Langis Michaud, OD, FAAO, Diplomate Cornea and Contact Lenses; XU Meng Meng; CHAN On Ki, Universite de Montreal L'Ecole d'optometrie

8:15 AM Effects of Multi-Purpose Contact-Lens Care Solutions on Corneal Epithelial Tight Junctions and Pseudomonas Adhesion, Masaki Imayasu, PhD, Menicon Co Ltd; Takashi Suzuki, MD, PhD, Harvard Medical School; Shoichi Shimada, MD, PhD, Nagoya City University Medical School; H. Dwight Cavanagh, MD, PhD, FAAO, University of Texas Southwestern Medical Center

8:30 AM The Impact of UV-Blocking Hydrogel Polymers on the Prevention of UV-Induced Ophthalmic Damage, Heather L. Chandler, PhD, Ohio State University; Kathleen S. Reuter, OD, Ohio State University; Jason J. Nichols, OD, MPH, PhD, FAAO, Ohio State University

8:45 AM In Vivo Determination of Elastic Properties of Soft Contact Lenses Using the Ocular Response Analyzer, Stefan E. Bandlitz, MS, MCOptom; Andreas Berke, PhD, Cologne College of Optometry (Hoehere Fachschule für Augenoptik Köln)

9:00 AM Contact Lens Material and Tear-Related Factors Associated with Lens Dehydration, Padmapriya Ramamoorthy, BSOptom, Ohio State University; Loraine T. Sinnott, MS, PhD, Ohio State University; Jason J. Nichols, OD, MPH, PhD, FAAO, Ohio State University

9:15 AM An in Vitro Model of SH Contact Lens-Associated Bacterial Biofilms: Utility in Testing Antibiofilm Activities of Care Solutions, Loretta B. Szczotka-Flynn, OD, MS, FAAO; Yoshi Imamura, MD, PhD; Pranab Mukherjee, PhD; Jyotsna Chandra, PhD; Yu Changping, PhD; Eric Pearlman, PhD; Mahmoud Ghannoum, PhD, Case Western Reserve University

9:30 AM Bacterial Adhesion to Lysozyme-Coated Conventional and Silicone Hydrogel Contact Lens Materials, Lakshman N. Subbaraman, BSOptom, MSc, FAAO, Centre for Contact Lens Research; Lyndon W. Jones, PhD, FCOptom, FAAO, Centre for Contact Lens Research; Zhenjun Zhao, PhD, Institute for Eye Research; Hua Zhu, Institute for Eye Research; Mark D.P. Willcox, PhD, Institute for Eye Research

9:45 AM Role of Lipid Layer as a Barrier to Pre-Lens Tear Film Thinning, Jason J. Nichols, OD, MPH, PhD, FAAO; Kelly K. Nichols, OD, MPH, PhD, FAAO, Diplomate, Public Health; Ewen King-Smith, PhD, FAAO, Ohio State University

10:15 AM Multivariate Analysis of Factors Associated with Discontinuation from Silicone Hydrogel Contact Lens Daily Wear, Victoria E. Evans, BOptom, PhD; Thomas Naduvilath, MSc; Nicole Carnt, BOptom; Varghese Thomas; Mark D.P. Willcox, PhD; Brien A. Holden, BAppSc PhD DSc OAM FAAO, Institute for Eye Research

10:30 AM Evaluation Corneal Staining Over Time and Factors Associated with Corneal Staining During Contact Lens Wear, Daniel Tilia, BOptom (Hons), MOptom, Vision Co-operative Research Centre; Nicole Carnt, BOptom, Institute for Eye Research; Victoria E. Evans, BOptom PhD, Institute for Eye Research; Varghese Thomas, BSc, Institute for Eye Research; Mark D.P. Willcox, PhD, Institute for Eye Research; Brien A. Holden, BAppSc PhD DSc OAM FAAO, Institute for Eye Research

10:45 AM Blinking Patterns and Tear Film Stability in Contact Lens Wearers, Meredith E. Jansen; Carolyn G. Begley, OD, MS, FAAO; Nikole L. Himebaugh, OD; Minhua Chen, Indiana University

11:00 AM Utility of Immediate Evaluation of Multifocal Contact Lens Performance, Eric B. Papas, PhD, MCOptom, DipCL, Institute for Eye Research; Teresa Decenzo-Verbeten, OD, CIBA Vision Corporation; Desmond Fonn, DipOptom, MOptom, FAAO, Centre for Contact Lens Research; Brien Holden, BAppSc, PhD, DSc, OAM, FAAO, Institute for Eye Research; Pete S. Kollbaum, OD, PhD, FAAO, Indiana University; Ping Situ, BMed, MSc, Centre for Contact Lens Research; Craig A. Woods, BSc, PhD, MCOptom, DipCL, FAAO, FVCO, Centre for Contact Lens Research

11:15 AM Are Today's Aspheric Soft Multifocal Contact Lenses as Good as Monovision?, Pete S. Kollbaum, OD, PhD, FAAO; Jennifer R. Wong, OD, Indiana University

11:30 AM Rate of Change of Comfort in Symptomatic and Asymptomatic Lens Wearers, Craig A. Woods, BSc, PhD, MCOptom, DipCL, FAAO, FVCO; Doris Richter, MASc, OD; Desmond Fonn, DipOptom, MOptom, FAAO, Centre for Contact Lens Research

11:45 AM Post-Market Surveillance of the Purevision Contact Lens When Worn for 30-Day Continuous Wear, William T. Reindel, OD, MS; Gerard Cairns, MCOptom PhD, FAAO; Kirk Bateman, MS; Timothy L. Comstock, OD, MS, FAAO; Brian Levy, OD, MSc, FAAO, Bausch & Lomb Inc