

Paper Presentations for Academy 2005 San Diego Scientific Program

Thursday, December 8

Papers: Optometric Education: Teaching and Educational Technology Room 1A/B

- 9:00 AM William Sleight, Interactive Cases & Asynchronous Instruction in Training Eye Care Providers (ICAITEP)
- 9:15 AM Jay Rumsey, A New Rigid Contact Lens Fitting Tool: An Internet Contact Lens Simulation
- 9:30 AM Pierrette Dayhaw-Barker, Student Performance on Multiple Choice vs. Case-Based Examinations

Papers: Low Vision, Vision Science: Visual Acuity, Evaluation of Function, Reading Room 9

- 10:15 AM Robert Jacobs, Randomized Controlled Trials of Falls Prevention in People 75 Years and Older With Severe Visual Impairment
- 10:30 AM Mark Swanson, Visual Acuity and Physical Functioning
- 10:45 AM Joan Stelmack, Comparison of Outcomes Three Months and One Year After Low Vision Rehabilitation
- 11:00 AM Robert Massof, Low Vision Rehabilitation Consensus Project
- 11:00 AM Susana Chung, Learning to "Uncrowd:." Does It Improve Reading Speed?
- 11:15 AM Gregory Fecho, Recognition is Similar for Distance Words Compared to Letters

Papers: Vision Science, Ocular Disease: Diabetes, Hemodynamics Room 9

- 2:00 PM Helene Kergoat, Component-Specific Changes in Retinal Vasomotor Reactions to Flicker
- 2:15 PM Jason Ng, The Effects of Diabetic Duration on Retinal Function in Type 2 Diabetic Patients Without Retinopathy
- 2:30 PM Byki Huntjens, Diurnal Fluctuations in Axial Length in Diabetes Mellitus
- 2:45 PM Mitra Tavakoli, Corneal Confocal Microscopy is Superior to Skin Biopsy as a Surrogate Marker of Human Diabetic Neuropathy
- 3:00 PM Patricia Rose, The Effect of Statins on Retinal Hemodynamics in Diabetic Patients
- 3:15 PM Milton Hom, Self Reported Diabetic History and Dry Eyes
- 3:30 PM Evie Lawson, The Relation Between Ace Inhibitors and Diabetic Retinopathy
- 3:45 PM Baharak Asefzadeh, Prevalence of Diabetic Retinopathy Based on HBA1C and Diabetes Duration in Patients Accessed Using the Va Boston Ocular Telehealth Model

Papers: Binocular Vision and Pediatric Optometry: Research Methodology, Vision Screening, Pediatric, Reading Room 1A/B

- 4:15 PM Paulette Schmidt, VIP Study: Phase II Results
- 4:30 PM Lynn Marran, The 15 Symptoms in the CITT-SS and Their Relationship to Accommodative Insufficiency(AI), Convergence Insufficiency (CI)and CI with AI (CIWAI)
- 4:45 PM Mitchell Scheiman, Comparison of Treatment Modalities for Symptomatic Convergence Insufficiency in Children
- 5:00 PM James Sheedy, Character and Font Legibility
- 5:15 PM Melissa Rice, Comparison of Reading Speed in Eyes with Residual Amblyopia to Non-Amblyopic Eyes
- 5:30 PM Jeffrey J. Walline, Children's Attitudes about Kids with Eyeglasses (CAKE) Study
- 5:45 PM Liat Gantz, Perceptual Learning of Depth Discrimination in Random-Dot Stereograms

Friday, December 9

Papers: Optics and Refraction: Aberrations/Image Quality, Visual Performance, Visual Optics
Room 9

- 8:00 AM Manoj Subbaram, Longitudinal Changes in PostOperative Refractive Error Following Custom Lasik
- 8:15 AM Kuang-Mon Ashley Tuan, To Dilate or Not to Dilate: What is Right for Wavefront Measurement?
- 8:30 AM Melissa Bailey, Evaluation of Multiple Conditions for Measuring Visual Acuity
- 8:45 AM Jason Marsack, Residual Aberrations in Keratoconus Subjects Wearing Rigid Gas Permeable Contact Lenses Can Impact Visual Performance
- 9:00 AM Charles Coe, Virtual Refraction: Predicting Polychromatic Subjective Refractions from Monochromatic Wavefront Aberrations
- 9:15 AM Thomas Salmon, Wavefront Values for Normal Eyes—Consensus of the Major Studies
- 9:30 AM Joy Martin, Direct and Non-Invasive Foveal Avascular Zone Measurement
- 9:45 AM Davies, Leon Performance of the KH3500 'Accommodative' Intraocular Lens
- 10:00 AM Arthur Ho, Predicting the Influence of Gel Property on the Restored Accommodation of a Refilled Crystalline Lens

Papers: Optics and Refraction: Myopia Mechanisms, Accommodation, Refraction Room 9

- 10:30 AM Gina Gabriel, Comparison of Dynamic Retinoscopy and Binocular Photoretinoscopy for Measurement of Accommodative Response in Infants
- 10:45 AM Shirin Hassan, Does the Location of the Eye's Center of Rotation Depend on Axial Length?
- 11:00 AM Balamurali Vasudevan, Depth-of-Focus of Myopes in Free Space
- 11:15 AM Donald O. Mutti, Crystalline Lens Thickness, Shape, and Power Before and After the Onset of Myopia
- 11:30 AM J. Daniel Twelker, Ocular Components as a Function of Age and Gender Among School-Aged Children
- 11:45 AM James Omodio, Comparison of Two Methods for Measuring Accommodative Lag

Papers: Cornea and Contact Lenses: Orthokeratology, Clinical Assessment, Conjunctiva Room 8

- 1:30 PM Rachael Peterson, Sensitivity of Objective Image Analysis Compared to Subjective Grading of Bulbar Hyperemia
- 1:45 PM Craig Woods, A Novel Method to Create Clinical Grading Scales
- 2:00 PM Sameena Haque, Corneal, Stromal and Epithelial Thickness Changes Following Overnight CRT, Comparing Two High DK Lens Materials
- 2:15 PM Fenghe Lu, Corneal Shape and Optical Performance After One Night of Lens Wear with Two Different Oxygen Transmissible Corneal Refractive Therapy Lenses
- 2:30 PM Charles Dominguez, Prism Gas Permeable Contact Lens Correction for Decompensating Vertical Heterophoria
- 2:45 PM Lynette Johns, The Reduction of Eye Discomfort with Solutions in Orthokeratology Study (REDSOKS)
- 3:00 PM Andrew McLeod, Comparison of Autorefractions and Keratometry Readings with Subjective Refraction and Corneal Topography Following Orthokeratology in Children
- 3:15 PM Lakshman Subbaraman, Kinetics of 125I-Labelled Lysozyme Deposition on Silicone Hydrogel, FDA Group II and Group IV Contact Lenses

Papers: Ocular Disease: Age-Related Eye Disease, Optic Nerve Disease, Glaucoma Room 8

- 4:00 PM David Eldridge, Rheopheresis for Dry Age-Related Macular Degeneration (AMD)-Long-Term Evaluation of MIRA-1 Trial Patients within LEARN-1 AND LEARN-2 Protocols
- 4:15 PM Hannah Bartlett, The Effect of Nutritional Supplementation on Visual Function in People With and Without Age-Related Macular Disease. A Randomized Controlled Trial
- 4:30 PM Gina Wesley, Seeing the Future: Optometric Glaucoma Management
- 4:45 PM Jerome Sherman, Explaining Discordance between Structure and Function in Glaucoma
- 5:00 PM Jeffrey Roth, Leber's Hereditary Optic Neuropathy (LHON) in Brazil: Update 2005

Saturday, December 10

Papers: Binocular Vision, Vision Science: Stereopsis, Aniseikonia, Binocular Vision Room 9

- 10:30 AM Robert Rutstein, Comparison of Aniseikonia as Measured by the Aniseikonia Inspector and the Space Eikonometer
- 10:45 AM Judith Renaud, Different Presbyopic Contact Lenses for Different Needs
- 11:00 AM John Hayes, Effects of Computer Use on Symptoms and Quality of Life
- 11:15 AM Prof. Gordon Heron, Amelioration of the Spontaneous Pulfrich Effect in Practice
- 11:30 AM Andrew Toole, The Influence of Forced Vergence on Phoria Adaptation
- 11:45 AM Patricia Cisarik, The Effects of Interocular Correlation and Contrast on Stereoscopic Depth Magnitude Estimation
- 12:00 PM Srividhya Hariharan, The Perceived Visual Direction of Monocular Objects in a Random-Dot Stereogram Depends on Horizontal Disparity and Object Separation

Papers: Cornea and Contact Lenses: Tears, Dry Eye, Lacrimal System Room 9

- 2:00 PM Alan Tomlinson, Tear Osmolarity in the Diagnosis of Dry Eye Disease
- 2:15 PM Urs Businger, Contact Lens Induced Dry Eye and the Use of Homeopathic Eye Drops
- 2:30 PM Jerry Paugh, The Residence Time of Artificial Tears Measured in Dry Eye Subjects
- 2:45 PM Charles Connor, Jr., Long-Term Observation of Patients Using Transdermal Testosterone Cream for the Treatment of Dry Eye
- 3:00 PM Sruthi Srinivasan, Diurnal Variation in Inferior Tear Meniscus Height Occurs in Dry Eyed and Non-Dry Eyed Participants
- 3:15 PM Kelly Nichols, Measurement of Consecutive Tear Osmolarity Readings with the Advanced Instruments Model 3100 Tear Osmometer
- 3:30 PM Ping Situ, Association Between Corneal & Conjunctival Sensitivity, Tear Film Stability & Ocular Surface Appearance in Subjects with & Without Dry Eye Symptoms
- 3:45 PM Joseph Vehige, Does the Subjective Evaluation of Symptom of Dryness (SESOD) as a Single Variable Predict the Severity of Signs and Symptoms of Dry Eye Disease?
- 4:00 PM Fiona Stapleton, Risks of Contact Lens Related Microbial Keratitis
- 4:15 PM Scott Schatz, Efficacy of the Fourth Generation Fluoroquinolones Against Pediatric Clinical Strains of Haemophilus Influenzae
- 4:30 PM Calvin Roberts, Comparison of Topical Cyclosporine, Punctal Occlusion, and a Combination for the Treatment of Dry Eye
- 4:45 PM Annette Angus, Exploring the Use of a Fourth Generation Fluoroquinolone for Protection Against Pseudomonas Aeruginosa Induced Keratitis

Sunday, December 11

Papers: Cornea and Contact Lenses: Contact Lens Complications, Extended Wear Room 9

- 9:00 AM Philip Morgan, Impact of Differences in Between-Study and Within-Study Diagnostic Criteria in Determining the Incidence of Contact Lens Associated Keratitis
- 9:15 AM Nathan Efron, Can Sub-Types of Contact Lens Associated Corneal Infiltrative Events Be Clinically Differentiated?
- 9:30 AM Philip Morgan, Incidence and Morbidity of Contact Lens-Associated Keratitis and Relevant Risk Factors: A 12 Month Hospital-Based Survey
- 9:45 AM Loretta Szczołka-Flynn, Probability of Remaining Free From Infiltrates Over Time with Lotrafilcon a Silicone Hydrogel Lenses Worn for 30 Days Continuous Wear
- 10:00 AM Robin Chalmers, Risk Factors for Infiltrates in Continuous Wear Contact Lenses
- 10:15 AM Sally Dillehay, Annual Incidence Reports for Adverse Events in a 36 Month Trial with a Silicone Hydrogel Soft Contact Lens
- 10:30 AM Meng Lin, Conjunctival Epithelial Flaps with Silicone Hydrogel Lenses Worn for Daily Wear
- 10:45 AM Isabelle Jalbert, The Effect of Long Term Wear of Soft Lenses of Low and High Oxygen Transmissibility on the Corneal Epithelium
- 11:00 AM Sally Dillehay, Summary of 3 Year In-Practice Trial in the US With Lotrafilcon a Silicone Hydrogel Soft Contact Lenses
- 11:15 AM Colleen Riley, The Use of Daily Wear Silicone Hydrogel (Senofilcon A) Lenses in Patients Who Exhibit Symptoms or Clinical Signs with Contact Lens Wear
- 11:30 AM Trefford Simpson, Bulbar Redness and Temperature During Short-Term Hydrogel Lens-Wear
- 11:45 AM Amir Moezzi, Overnight Corneal Swelling of Silicone Hydrogel Contact Lenses with High Oxygen Transmissibility

Papers: Ocular Disease: Glaucoma, Visual Fields/Perimetry Room 1A/B

- 11:00 AM Micheal Sullivan Mee, Relationship Between Asymmetric Central Corneal Thickness and Glaucomatous Visual Field Loss Within the Same Patient
- 11:15 AM Mitchell Dul, Jr., Application of the Humphrey Matrix for Evaluating Macular Function in Patients with Advanced Glaucoma
- 11:30 AM William Swanson, Comparing Perimetric Sensitivities Measured with Optical Systems and Video Displays
- 11:45 AM Ronald Harwerth, Spatial Contrast Sensitivity Defects From Experimental Glaucoma

Papers: Vision Science: Color Vision, Visual Perception Room 1A/B

- 1:00 PM Brian Foutch, Least Squares Analysis of the Farnsworth D-15 Color Vision Test
- 1:15 PM Robert Buckingham, Effect of Four Different Light Sources on Normal Color Vision
- 1:30 PM Adrienne Schepler, A Comparison of the Farnsworth Lantern to Other Tests of Color Vision
- 1:45 PM Ivy Tat, The Diagnostic Efficiency of the 4th Edition HRR Pseudoisochromatic Plates
- 2:00 PM Nisha Singh, Effect of Luminance and Colour on the Foveal Stiles-Crawford Effect
- 2:15 PM Leon McLin, Jr., Contrast Acuity Through Colored Filters
- 2:30 PM Brian Foutch, Gender Effects on Color Contrast Thresholds
- 2:45 PM Andrena Pierre, Differences Between Clear and Yellow-Tinted Intraocular Lenses: Color Discrimination and Subjective Visual Function

Papers: Cornea and Contact Lenses: Contact Lens - Care and Complications, Dry Eye Room 1A/B

- 3:00 PM Franz Grus, Influence of Multi-Purpose Solutions on the Protein Composition of the Tear Film
- 3:15 PM Jianhua Wang, Tear Dynamics of Artificial Tears
- 3:30 PM Carolyn Begley, Repeatability of Tear Breakup Dynamics
- 3:45 PM Barbara Caffery, Sex Differences in the Serum of Sjogren's Syndrome Patients
- 4:00 PM Robin Chalmers, Dryness Symptoms With and Without Contact Lens Wear
- 4:15 PM Kathryn Richdale, Patient Reported Factors Associated with Contact Lens Intolerance
- 4:30 PM Michel Guillon, Contact Lens Wear Affects Tear Film Evaporation
- 4:45 PM Elisa Skadahl, Patient-Reported Dry Eye and Tear Thinning In Contact Lens Wearers