



## Plenary Session Issues a Challenge: Serve the Underserved

Yesterday afternoon, the Plenary Session focused on the disproportionate occurrence of debilitating visual conditions such as glaucoma and diabetic retinopathy in Hispanic, African-American and other underserved populations. One example: Nearly 96% of eye disease among Latinos in Los Angeles goes unreported.

Keynote speaker Garth Graham, MD, MPH, presented “Eliminating Racial and Ethnic Disparities in Health Care.” Dr. Graham, who is Deputy Assistant Secretary for Minority Health, U.S. Department of Health and Human Services, spoke about two major challenges minority populations face: health-care financing and health-care treatment disparities. Dr. Graham said that minority populations will comprise half the U.S. population by the year 2050, and the

higher incidence of disease among these populations will define the future of health care. “These aren’t Latino problems. These aren’t African-American problems. These are American problems. We don’t need another hurricane Katrina to make us realize that,” he said.

Rohit Varma, MD, MPH, director of the Ocular Epidemiology Center at the University of Southern California, presented “Eye Disease Among Latinos: A Public Health Epidemic?” He discussed the results of the National Eye Institute’s Los Angeles Latino Eye Study (LALES). Dr. Varma noted that the vast majority—nearly 96%—of Latino eye disease overall is unreported.<sup>1</sup> By year 2050, 40 million Latinos will have eye disease and 25 to 30 million of them will not be treated. Also, LALES found that 50% of Latinos who have diabetes for more than five



Presenters of the Plenary Session (from left): Rohit Varma, MD, MPH; Roger Wilson, OD, FFAO; Daniel L. Mannen, OD, FFAO, President of VSP; Michael Duenas, OD; Garth Graham, MD, MPH; Edwin Marshall, OD, MPH, FFAO; Joe Yager, OD, FFAO.

### Causes of Low Vision and Blindness in Latinos<sup>1</sup>

#### Causes of Low Vision:

Cataract: 49%  
Diabetic retinopathy: 17%  
Age-related macular degeneration: 15%  
Glaucoma: 5%

#### Causes of Blindness:

AMD: 29%  
Diabetic retinopathy: 21%  
Myopic degeneration: 12%

### Join Us for Breakfast Today!

- **Introducing a New, Custom Silicone Hydrogel Contact Lens:** Christine W. Sindt, OD, FFAO, and Timothy A. Giles, OD, 7:00 a.m. – 7:50 a.m., Ballroom 8a-c, sponsored by CIBA Vision
- **Glaucoma Update: What’s New in Glaucoma Therapy (COPE # 16998-GL):** Bruce Onofrey, OD, RPh, FFAO, 7:00 a.m. – 7:50 a.m., Ballroom 7a-b, sponsored by Alcon
- **Multipurpose Contact Lens Solutions and the Corneal Surface (COPE # 17818-AS):** Chris Snyder, OD, FFAO, 7:00 a.m. – 7:50 a.m., Ballroom 8d-f, sponsored by Bausch & Lomb
- **New GP Bifocal Designs: Success and Profit (COPE approval pending):** Robert Buffington, OD, FFAO, 7:00 a.m. – 7:50 a.m., Ballroom 5a-c, sponsored by Menicon
- **Moving Beyond Monovision: New Options, and New Research in Presbyopic Contact Lens Correction:** Donald J. Siegel, OD, 7:00 a.m. – 7:25 a.m., Ballroom 6a-b, sponsored by CooperVision
- **ACUVUE® Advance™ for Astigmatism: Beyond the Chair:** Charissa Lee, OD, 7:25 a.m. – 7:50 a.m., Ballroom 6a-b, sponsored by VISTAKON®

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years have diabetic retinopathy, three times more than the non-Hispanic white population. Dr. Varma closed with a challenge to the profession to create targeted screening and treatment programs to help the growing population.

Michael Duenas, OD, of the Centers for Disease Control and Prevention, presented “Determining the Vision Care Needs and Meeting the Challenge of the Underserved.” In his lecture, Dr. Duenas discussed Healthy People 2010 and stressed its optometric tenets: to improve national vision health through prevention, early detection, treatment and rehabilitation. Dr. Duenas explained tactics of providing eye care to underserved populations, including professional

workforce development and the establishment of an applied public health research agenda for vision health. Dr. Duenas challenged the optometric profession to expand its role in underserved communities.

Other presentations included: “Community Health Center Optometry: Responding to Disparities in Eye Care,” by Roger Wilson, OD, FFAO, and “Extending Vision Care Services to the Underserved in Rural Areas through Collaborative Academic-Community Partnerships,” by Edwin Marshall, OD, MPH, FFAO.

This year’s Plenary Session was sponsored by VSP.

1. Cotter SA, Varma R, Ying-Lai M, et al. Causes of low vision and blindness in adult Latinos: the Los Angeles Latino Eye Study. *Ophthalmology* 2006 Sep;113(9):1574-82.



## Refractive Care for Children Worldwide

Yesterday, the Public Health Section Symposium took on a staggering topic: the lack of correction of children's refractive error in developing countries. "In a developing country, kids—particularly those who live outside of the capital city—have essentially no access to eye care. As a result, problems that are considered identifiable and treatable in the developed world go undetected and untreated. This turns out to be a major cause of visual disability," said moderator Bruce Moore, OD, FAAO, who opened up the floor with his overview, "The Problem of Refractive Error in Children in the Developing World."

Looking at levels of children's vision care in Europe, in the U.S., and in the developing world, Dr. Moore pointed out that most amblyopia-based vision problems plaguing adults worldwide can be prevented by ensuring proper refraction of children's eyes. "With adults, you can only slow the progression of many of the major vision problems that cause significant vision

loss, such as glaucoma, AMD, and diabetic retinopathy. With children, you usually can solve the problems that are most likely to cause vision loss," Dr. Moore said.

Vision problems of amblyopia and amblyogenic risk factors, such as refractive error and strabismus, are the conditions most likely to cause vision loss in children in any part of the world, although children in the developing



Bruce Moore, OD, FAAO, welcomes attendees to the Public Health Section Symposium.

world have more vision loss due to infectious disease, parasitic disease and trauma, Dr. Moore said. He concluded that

models to help children in developing countries could be derived from tactics already used in the developed world.

The symposium featured four speakers in addition to Dr. Moore. Erik Weissberg, OD, FAAO, presented "Delivering Refractive Care to Children in the Developing World," in which he discussed the process of determining refractive error and potential methods of training lay people and others to determine and correct refractive error in outreach clinics.

"Economic Modeling and the Design of Systems of Vision Care in the Developing World," was presented by Kevin Frick, PhD, a Johns Hopkins health-care economist who designs models of cost effectiveness of health care for the developing world.

Nathan G. Congdon, MD, MPH, who presented "The Impact of Providing Refractive Correction for Children in the Developing World," is the Medical Director of the Helen Keller Institute.

The final presentation, given by optometrist Anna Rius, the UNESCO Chair in Visual



Dr. Moore fits an infant with spectacles to correct his refractive error.

Health and Development, was entitled "Delivering Refractive Care: a Case Study." Dr. Rius focused on UNESCO projects in Central America that developed systems of vision care for children based on cooperation between the host government and indigenous health and vision-care resources. To that end, "many of us have come to the understanding that we need to work with the countries and the local providers of vision care to improve things in creative ways," Dr. Moore said.

## Where Does Your Vision Research Funding Come From?

Only one booth this year allows you to request more federal funding for the National Eye Institute (NEI) and National Institutes of Health (NIH) in as few as five minutes. "Contact Congress," a booth organized by the National Alliance for Eye and Vision Research (NAEVR), provides a means by which to send a pre-written e-mail to your Congressional representatives to request greater NEI funding—right from the Technology Pavilion.

Why should you contact Congress? "Simply stated, Congress faces an increasing number of priorities that compete directly with the NIH for funding," says NAEVR Executive Director James Jorkasky, who will host the booth.

"Although Congress doubled the NIH budget between 1998 and 2003, it has remained flat over the past several years. With the impact of biomedical inflation, the NIH has actually lost about 11% of its purchasing power. If an Academy member submitted a grant for research, the opportunity would be lessened due to increased

competition for decreased funds. That is why Congress needs to hear that the NIH needs adequate funding—to build upon the incredible breakthroughs that emerged from the previous doubling of the budget, such as the discovery of gene variants associated with an increased risk of developing age-related macular degeneration," adds Mr. Jorkasky.

NAEVR's message is especially resonant this year—two bills remain to be passed that will impact the ability of the NIH and NEI to continue their research. Though the House of Representatives passed HR 6164, the National Institutes of Health Reform Act of 2006, in late September, the Senate has not yet taken up the bill. If passed, this bill would authorize NIH funding increases of 5% in each of the next three fiscal years and create a "common fund" for trans-Institute NIH research.

The second piece of unpassed legislation is the Fiscal Year (FY) 2007 Labor, Health and Human Services, and Education (LHHS) appropriations bill,

which would finalize NIH/NEI funding for FY 2007, which began on October 1, 2006.

"Until the FY 2007 LHHS funding bill is finalized, the NIH and NEI will be operating under a Continuing Resolution at the FY 2006 funding level," notes Mr. Jorkasky. "This uncertainty in the final FY 2007 funding level for the NEI makes it difficult for the Institute to make firm grant commitments to researchers."

NAEVR, a non-profit advocacy coalition formed in 1997, advocates federal funding of NEI-sponsored vision research by developing Congressional "champions" and building grassroots support. "Since Congress has many competing priorities, it needs to hear from our community about the growing public health problem of eye disease and vision impairment—and how investing in NEI research is a cost-effective way to meet this challenge," Mr. Jorkasky says.

For more information, visit the "Contact Congress" booth in the Technology Pavilion, or visit [www.eyeresearch.org](http://www.eyeresearch.org).



## New Research and Products: Not Just for Breakfast Anymore

Yesterday's corporate breakfasts provided attendees the opportunity to round up some good information while they put down a square meal.

In a standing-room-only presentation, Joe Yager, OD, FAAO, challenged attendees to "Think Outside the O<sub>2</sub> Bubble," which was sponsored by CooperVision. Dr. Yager discussed a new silicone hydrogel lens made from the unique material, omafilcon A. The lens is inherently wettable, requiring no surface treatments or wetting agents, and allows for oxygen transmission to the eye.

Cristina Schneider, OD, MSc, MBA, FAAO, presented the "New 1-Day ACUVUE® Moist with Lacreon™ Technology," sponsored by VISTAKON®. Dr. Schneider explained that this new lens technology, to be launched in January, contains a new residual wetting agent, Lacreon, that acts like a permanent artificial tear. "Lacreon technology is an embedded water-bound polymer, not present in 1-Day ACUVUE, that enhances moisture retention for improved all-day comfort."

"Advances in the Treatment of Dry Eye," was presented by

John Schachet, OD, and sponsored by Alcon. Dr. Schachet, who practices in nearby Englewood, Colo., noted that "Denver is the dry eye capital" and reviewed a variety of causes for dry eye, from inflammation to medication-induced dryness. Dr. Schachet noted that while 80% of dry-eye patents are women, many men might also suffer the ailment but don't report it. "Dry eye is a complex, multi-factorial disease," he said. "With continuing research, we can hope for medications that will address the specific causes of dry eye."

In "Clinical Practice Management of Dry Eye," sponsored by Allergan, Kirk Smick, OD, FAAO, and Milton Hom, OD, FAAO, delivered a basic overview of dry eye as well as dealing with dry eye patients. Dr. Hom discussed both the safety and the quick results of Allergan's Restasis: "The best-kept secret of Restasis is that there are no cytokines in the blood. It is an incredibly safe drug. And when you use it, you'll see effects [in your patients] sooner because they notice the change."

Kevin S. Roe, OD, answered the question "Is Silicone Hydrogel Continuous Wear a

### Saturday's Educational Breakfasts

- **Contact Lens and Medical Management of Dry Eye (COPE # 14392-AS):** Louise Sciafani, OD, FAAO, 7:00 a.m. – 7:50 a.m., Ballroom 8a-c, sponsored by Advanced Medical Optics
- **Evidence-Based Treatment and Prophylaxis of Ocular Infection (COPE # 17575-AS):** Alan Kabat, OD, FAAO, 7:00 a.m. – 7:50 a.m., Ballroom 7a-b, sponsored by Alcon
- **Fitting the PureVision MultiFocal – Tips You Can Use (COPE approval pending):** Rhonda Robinson, OD, 7:00 a.m. – 7:50 a.m., Ballroom 8d-f, sponsored by Bausch & Lomb
- **7:00 a.m. – 7:50 a.m.:** Ballroom 5a-c, sponsored by Optos
- **Comfort Matters:** Harvard Sylvan, OD, 7:00 a.m. – 7:25 a.m., Ballroom 6a-b, sponsored by CooperVision
- **Benefits of ACUVUE® Brand Ultra Comfort Series Lenses™ for Teens and Tweens:** Chris Cooper, OD, 7:00 a.m. – 7:25 a.m., Ballroom 6a-b, sponsored by VISTAKON®

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Safe Option? What the Latest Research is Telling Us," at a breakfast sponsored by CIBA Vision. Dr. Roe spoke about the most recent findings regarding complications of silicone hydrogel extended lens wear. "The coming long-term research we're seeing certainly supports the fact that continuous-wear silicone hydrogel lenses are a safe option compared to other modalities when worn on a regular basis," Dr. Roe said.

"Emerging Trends in GPs, CRT lenses, and Topography,"

was presented by Patrick Caroline, FAAO, FCLSA, and sponsored by Essilor Laboratories of America, Carl Zeiss Meditec, and Paragon. Dr. Caroline reviewed the current advances in gas permeable (GP) and corneal refractive technology (CRT) lenses. Specifically, he discussed the new use of GP lenses for corneal reshaping to create a monovision effect for emmetropic presbyopes. "It is a segment of the contact lens market that we've somewhat neglected," he said.

## How to Be a Leader with Passion: Go Fish!

At yesterday's Leadership InSight course, "Leading People with Purpose and Passion," sponsored by CIBA, Richard Cornett, MPA, of the Ohio Optometric Association, taught the attendees how to "throw" and "catch" their own "fish," or how to be passionate about their optometry careers.

"We have to start to look at our job positively and hold each other accountable for that," Mr. Cornett said. He opened up the seminar with the video "Fish!" about the Pike's Place Fish Market in Seattle, where fishmongers joke and sing while slinging and selling fresh fish. Each worker at Pike's Place has his own positive outlook on the business, and they work together to impact the community positively, through selling fish or just being present to their customers.

How does a fish market relate to optometry? "Our attitude determines who we are. If I'm going to be here, then I'm going to have fun," said Mr. Cornett, adding that this attitude applies across the board. Mr. Cornett presented the four steps used at Pike's Place:

- **Play.** You have to have fun at what you do.
- **Make their day.** Remember that you are serving others, and that you can change their whole day for better—or for worse.
- **Be there.** An OD needs to be connected with his or her patients. "When we look at a business model of private practice," Mr. Cornett said, "the commodity we have for success is repeat customers."
- **Choose your attitude.** "You have to consciously choose everyday to be where

you are," he said.

A successful leader's leadership style is determined by the environment or circumstances that leader is in, Mr. Cornett emphasized. When the situation changes, the leader must change with it. He also emphasized effective teamwork: "You have to best utilize the people around you, and depend on them. Everyone around you has the ability to be a leader."

What is the true test of a leader, in a fish market or an optometry practice? "With the right attitude," Mr. Cornett said, "snags can become breakthroughs."

Today's Leadership InSight Course, also sponsored by CIBA Vision, focuses on "Fundamentals of Leadership." It begins at 7:00 a.m. in room 210 of the Colorado Convention Center.



## Today's Schedule of Events

Time	Speaker	Title	Room Number
8:00 a.m. - 9:45 a.m.		Papers: Binocular Vision and Perception Topics: Accommodation, Convergence, Aniseikonia, Color Vision	Room 706
8:00 a.m. - 10:00 a.m.	Bailey, Shipp, Verma, Rosenbloom, Lahr	Public Health and Environmental Optometry Section Symposium: Are We Ready for Our Baby Boomer Patients?	Room 712
8:00 a.m. - 10:00 a.m.		Poster Session (Odd)	Exhibit Hall
8:00 a.m. - 10:00 a.m.	Selvin, Hom, Michaud, Huang, Edmondson, Anderson	Grand Rounds: Cornea & Anterior Segment, Miscellaneous	Room 301
8:00 a.m. - 10:00 a.m.	Rowan Candy, Susan A. Cotter	Refractive Error in Infants & Young Children: Development Assessment & Management	Room 102
8:00 a.m. - 10:00 a.m.	Charles M. Wormington III	The Genomics Revolution and the Future of Optometric Practice	Room 107
8:00 a.m. - 10:00 a.m.	David M. Cale, Michael Gerstner	Gonioscopy Interpretation	Room 113
8:00 a.m. - 10:00 p.m.	David K. Talley	Perioperative Eye Care: Perils of the Private Practitioner	Room 201
8:00 a.m. - 9:00 a.m.	Michael L. Fischer, William F. O'Connell	Video and Adaptive Technology in Vision Rehabilitation: Options for Every Age	Room 207
8:00 a.m. - 9:00 a.m.	Bernard J. Dolan	Treatment of Exudative Age-related Macular Degeneration (AMD)	Room 607
8:00 a.m. - 10:00 a.m.	Lyndon W. Jones, Kathy Dumbleton	Specialty Applications of Silicone Hydrogel Contact Lenses	Room 711
9:00 a.m. - 10:00 a.m.	Michael L. Fischer, William F. O'Connell	Computer Based Technology in Vision Rehabilitation: Options for Every Age	Room 207
9:00 a.m. - 10:00 a.m.	Stuart P. Richer	The Next Frontier: Prevention and Treatment of Age Related Cataract	Room 607
10:00 a.m. - 11:45 a.m.		Papers: Public Health Topic: Diabetes	Room 712
10:00 a.m. - 12:00 p.m.	Press, Taub, Schlange, Cooper	Binocular Vision, Perception & Pediatric Optometry Section Symposium: Computerized Applications in Visual Efficiency and Processing Disorders	Room 706
10:00 a.m. - 12:00 p.m.		Poster Session (Even)	Exhibit Hall
10:00 a.m. - 12:00 p.m.	Selvin, Kirstein, Ferrucci, Ballinger, Halverson, Bence, Asefzadeh, Dunphy	Grand Rounds: Glaucoma, Retina & Neuro-optometry	Room 301
10:00 a.m. - 11:00 a.m.	Richard London	Binocular Anomalies Resulting From Pathological Causes: Cerebrovascular Accidents (CVA) and Closed Head Trauma	Room 102
10:00 a.m. - 11:00 a.m.	Kelly K. Nichols	The Many Faces of Dry Eye: Current Research and Future Therapies	Room 107
10:00 a.m. - 12:00 p.m.	Bruce E. Onofrey	Laboratory Testing in Optometry—How Not to Look Bad in the Lab	Room 201
10:00 a.m. - 12:00 p.m.	Robert W. Massof, Joan P. Stelmack	Central Scotomas Preferred Retinal Loci (PRL) and Eccentric Viewing Training	Room 207
10:00 a.m. - 12:00 p.m.	Ervin, Walline, Sieving, Scherer, Mutti, Dickersin	Evidence-Based Glaucoma Management: Finding Synthesizing and Applying Clinical Evidence	Room 607
10:00 a.m. - 11:00 a.m.	Loretta B. Szcotka-Flynn	Corneal Infiltrates: From Tissue to Treatment	Room 711
11:00 a.m. - 12:00 p.m.	Deborah A. Orel-Bixler	Visual Impairment in Infancy: the Beginning of a Lifetime of Eye Care	Room 102
11:00 a.m. - 12:00 p.m.	Joanne M. Wood	Vision and Driving: the Evidence and the Role of the Optometrist in Assessing Vision for Driving	Room 107
11:00 a.m. - 12:00 p.m.	Walter Potaznick, Irwin M. Shwom	Semi-permanent (Silicone and Other Materials) Plug Workshop	Room 113
11:00 a.m. - 12:00 p.m.	Marc R. Bloomenstein	Phakic Intraocular Lenses: The Next Great Refractive Surgery	Room 711
1:30 p.m. - 5:30 p.m.	Giese, McDermott, Paugh, Miller, Zieske, Fini, Roberts, Kao, Pflugfelder	ARVO/AAO Joint Symposium, sponsored by Vision Science Section and Research Committee: Corneal Wound Healing: Basic Science and Clinical Relevance	Room 712
1:30 p.m. - 3:30 p.m.	Quintero, Terry, Holdeman, Schwartz	Optometric Education Section Symposium: Evolution of Education in the Health Professions: The Impact on Part I of the National Board of Examiners in Optometry	Room 706
1:30 p.m. - 3:30 p.m.	Selvin, Torbit, Malloy, Morris, Fanelli, Archila, Engelke	Grand Rounds: Retina/Neuro-optometry, Systemic Disease, Miscellaneous	Room 301
1:30 p.m. - 2:30 p.m.	John W. Lahr	Exam Coding and Billing—More Than You Thought and How to Bulletproof Your Records to an Audit	Amphitheater
1:30 p.m. - 3:30 p.m.	David G. Kirschen	Efficient and Effective Diagnosis and Treatment of Strabismus and Amblyopia	Room 102
1:30 p.m. - 3:30 p.m.	Susan P. Haesaert	Evidence-based Management of Bacterial and Herpes Corneal Disease	Room 107
1:30 p.m. - 3:30 p.m.	William Edmondson, Laticia D. Pack	Fitting & Evaluating the New Soft Multifocals	Room 113
1:30 p.m. - 3:30 p.m.	J. William Harbour, Mark T. Dunbar	Ocular Oncology Update 2007	Room 201
1:30 p.m. - 3:30 p.m.	Stanley Y. Woo, Swati C. Modi	Low Vision Rehabilitation - A Lifetime of Care	Room 207
1:30 p.m. - 3:30 p.m.	Marc D. Myers, Andrew S. Gurwood	Modern Management of Blunt Ocular Trauma	Room 607
1:30 p.m. - 3:30 p.m.	Long D. Tran, Timothy B. Edrington	Penetrating Keratoplasty: Patient Management and Co-Management	Room 711
2:30 p.m. - 5:15 p.m.		Papers: Glaucoma and Optic Nerve Disease	Room 612
2:30 p.m. - 3:30 p.m.	Shelley I. Cutler	Telecommunications/Consultation for the Gas Permeable Contact Lens Practice	Amphitheater
3:30 p.m. - 5:30 p.m.	Ciuffreda, Kapoor, Townsend, Van Roekel, Kirby, Vicci, Padula, Cohen, Suter, Stelmack	Binocular Vision, Perception & Pediatric Optometry Section Symposium: Traumatic Brain Injury: A New Challenge for Optometry, Neuro-optometric Rehabilitation, and Our Nation	Room 706
3:30 p.m. - 4:30 p.m.	Stephen P. Byrnes	Multifocal GP Contact Lenses: Fitting by Design	Amphitheater
3:30 p.m. - 5:30 p.m.	Victor E. Malinovsky, Brad M. Sutton	OCT: The Optometrist's MREye	Room 102
3:30 p.m. - 4:30 p.m.	Michael A. Ward, Joseph T. Barr	Understanding Contact Lens Care Products for HEMA and Silicone Hydrogel Lenses	Room 107
3:30 p.m. - 5:30 p.m.	Raymond R. Maeda, Loretta T. Ng	Dilation and Irrigation Workshop	Room 113
3:30 p.m. - 5:30 p.m.	Murray Fingeret	A New Look at the Optic Nerve in Glaucoma	Room 201
3:30 p.m. - 4:30 p.m.	Etty Bitton	A Closer Look at the Tear Film	Room 207
3:30 p.m. - 5:30 p.m.	David C. Bright	Clinical Diagnosis of Skin Lesions: the Good, the Bad, the Ugly	Room 301
3:30 p.m. - 5:30 p.m.	Thomas F. Freddo	Understanding the Clinical Significance and Pathobiology and of Common Retinal Lesions	Room 607
3:30 p.m. - 5:30 p.m.	Adams, Haegerström-Portnoy, Zadnik, Bullimore, Wood, Sweeney, Cuadros, Applegate	OVS Presents: From Discovery to Eye Care	Room 711
4:30 p.m. - 5:30 p.m.	Marcela Frazier	Communicating with the Hispanic Patient: an Overview of Spanish for Eye Care	Amphitheater
4:30 p.m. - 5:30 p.m.	Joseph J. Pizzimenti	Radiology Review	Room 107
4:30 p.m. - 5:30 p.m.	Mark E. Wilkinson	Driving and Vision Loss: Is this a Contradiction?	Room 207



There is something for everyone at

## ACADEMY 2006 DENVER Membership Booth



- Meet Fellows of the Academy.
- Practicing optometrists, scientists, educators, librarians, administrators and editors—apply for Fellowship.
- OD students, residents and post-doctoral students—apply for student membership.
- Current members (students, candidates for Fellowship and Fellows)—update your contact information.
- Donate your Sunday, December 10, 2006 banquet ticket, if you are unable to attend this event.
- Pick up Academy information.



AMERICAN ACADEMY  
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The Membership Booth is located at  
Booth # 451 in the Exhibit Hall.

*Binocular Vision, Perception & Pediatric Optometry Section Symposium*

## Computerized Applications in Visual Efficiency and Processing Disorders

Moderator: Leonard Press, OD, FCOVD, FAAO  
Friday, December 8, 10 a.m. – 12 noon  
Room 706, Colorado Convention Center

This symposium presents technology that evaluates a patient's accommodation, attention and oculomotility. For example, the Test of Variables of Attention (TOVA) is an objective, computerized continuous performance test used in the diagnosis and management of Attention Deficit Disorder. Current technology in eye movement recording has applications for assessment and understanding of reading, visual information processing and attention. The symposium also discusses innovative therapeutic programs for oculomotor, accommodative, vergence and visual information processing skills, including office- and home-based computer and Internet pro-

grams. Vision therapy can be accomplished effectively using computerized presentation of stimuli.

- *Factoring Attention into Eye Movement Testing: A Clinical Approach*, Marc B. Taub, OD, FAAO
- *New Technology for Recording, Evaluating and Treating Eye Movement Disorders*, Darrell G. Schlange, OD, DOS, FAAO
- *History of Computerization in Accommodative-Vergence Therapy and How it Has Affected the Way We Treat Accommodative/Vergence Anomalies*, Jeffrey Cooper, MS, OD, FAAO
- *The Application of Computers to Visual Perception Therapy*, Leonard Press, OD, FCOVD, FAAO

*ARVO/AAO Joint Symposium*

*Sponsored by Vision Science Section and Research Committee*

## Corneal Wound Healing: Basic Science and Clinical Relevance

Friday, December 8, 1:30 – 5:30 p.m.  
Room 712, Colorado Convention Center

Leaders in the field of corneal wound healing present the most recent research advances and future directions related to how the cornea repairs itself after an insult.

- *Introduction*, William L. Miller, OD, PhD, FAAO
- *Growth Factors and Control of Corneal Epithelial Healing*, James D. Zieske, PhD
- *Stromal Fibrosis: Preventative Measures*, M. Elizabeth Fini, PhD

- *Biomechanics of the Injured Cornea*, Cynthia J. Roberts, PhD
- *Lessons in Wound Healing from Genetically Modified Mice*, Winston W.-Y. Kao, PhD
- *How Corneal Wound Healing Affects Surgical Outcomes*, Stephen C. Pflugfelder, MD
- *Applying Basic Research to Clinical Practice and What Next?* William L. Miller, OD, PhD, FAAO



ACADEMY 2006  
DENVER

*Binocular Vision, Perception & Pediatric Optometry Section Symposium*

## Traumatic Brain Injury (TBI): A New Challenge for Optometry, Neuro-optometric Rehabilitation and Our Nation

Moderators: Kenneth J. Ciuffreda, OD, PhD, FAAO, and Neera Kapoor, OD, MS, FAAO

Friday, December 8, 3:30 – 5:30 p.m.

Room 706, Colorado Convention Center

This symposium will provide an overview of the vision and related problems, diagnosis and remediation in individuals with traumatic brain injury, with emphasis on those military and staff personnel returning from the Iraq/ Afghanistan wars with vision symptoms.

- *United States' Veterans' Affairs Medical Center Perspective*, John Townsend, OD, FAAO

- *United States' Army Perspective*, Ronald Cameron VanRoekel, OD, MBA, FAAO

- *Statistics from a Veterans' Affairs Polytrauma Rehabilitation Center*, Jennine Kirby, OD

- *Neuro-optometric Rehabilitation: Diagnosing and Treating Vision Processing Dysfunctions Following Brain Injury*, William V. Padula, OD, FAAO, FNORA

- *Clinical Diagnostic Protocol*, Vincent Vicci, Jr., OD

- *Clinical Treatment Protocol*, Allen H. Cohen, OD, FAAO

- *Visual Field Diagnosis and Treatment*, Penelope S. Suter, OD

- *Reading Eye Movement Problems*, Kenneth J. Ciuffreda, OD, PhD, FAAO

- *Challenges to Measuring Outcomes of Neuro-optometric Care in TBI*, Joan P. Stelmack, OD, FAAO

*Optometric Education Section Symposium*

## Evolution of Education in the Health Professions: The Impact on Part I of the National Board of Examiners in Optometry

Moderator: Sam Quintero, OD, FAAO

Friday, December 8, 1:30 – 3:30 p.m.

Room 706, Colorado Convention Center

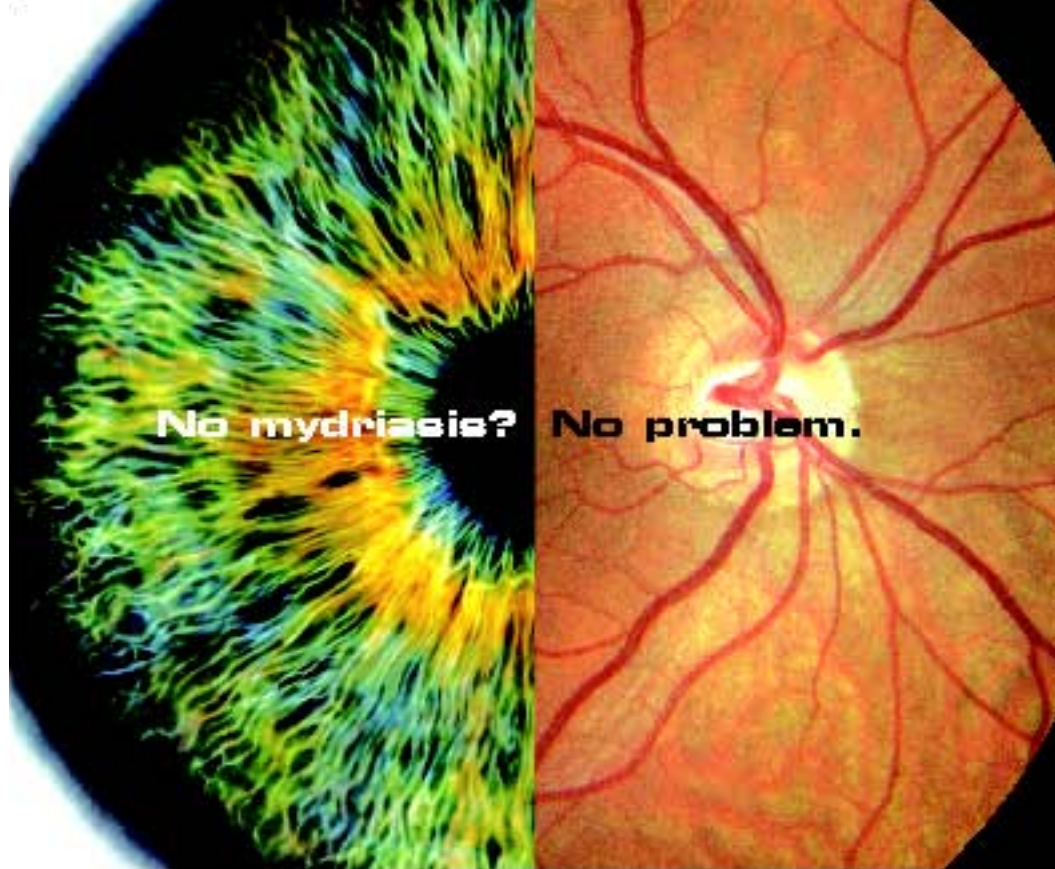
Education in the health professions is driven by external pressures that arise from the natural evolution of the health sciences as a result of expanding knowledge, increasing complexity and increasing specialization across the entire range of health professions fields. This symposium will examine the impact of integration of clinical correlation and diagnostic reasoning as key components of optomet-

ric education and associated challenge of integrating the Basic and Clinical Sciences.

- *Overview of NBEO Changes: The Rationale*, Jack E. Terry, MS, OD, PhD, FAAO

- *Clinical Integration as a Key Component of Optometric Education*: Nicky R. Holdeman, OD, MD, FAAO

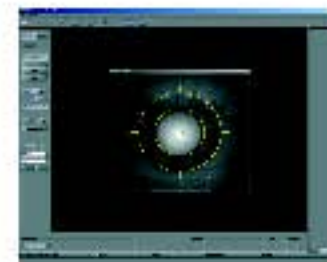
- *Challenges to Basic Science Faculty: Integrating the Basic and Clinical Sciences*: Steven H. Schwartz, OD, PhD, FAAO



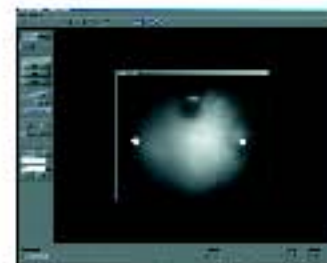
### Introducing the VISUCAM<sup>PRO 7401M</sup> Non-Mydriatic Digital Fundus Camera

The VISUCAM<sup>PRO 7401M</sup> is the only non-mydriatic fundus camera to accommodate such a small (3.3 mm) pupil. It's also the only fundus camera with ZEISS telecentric optics. So you can count on confident detection, exquisite image quality and reliable documentation across the full range of retinal diseases—for exceptional documentation performance provided with extraordinary simplicity.

Stop by our booth at the American Academy of Optometry Meeting Booth #701 and watch a whole new world of possibilities open up.



Align



Capture



Display



Visit us at AAO Booth #701



Carl Zeiss Meditec Inc. 344 ZEM-13M 1-773-200-8000/0714



## Student and Resident Travel Fellowships

### Frank W. Weymouth Student Travel Fellowship

Andrew Toole\*  
Eric Ritchey\*

### Irvin M. & Beatrice Borish Student Travel Fellowship

Padmapriya Ramamoorthy\*  
Len V. Hua\*

### Academy Student Travel Fellowships

*Funded by an educational grant from Vistakon*

Michelle L. Anderson\*

Eric A. Baas\*

Richard Baird\*

Ramona L. Baumfalk\*

Carol A. Bottjer\*

Ashley Braswell\*

Ross Collins\*

Sara Dubuc\*

Andrew J. Emch\*

Jon Engle\*

Zuzana B. Friberg\*

Marcus B. Gonzales\*

Sowjanya Gowrisankaran\*

Katie L. Greiner\*

Praveena Gupta

Jae Han\*

Jenna Hildebrand

Jessica R. Horne\*

Aliya Hot

Catherine Johnson\*

Adam Keech\*

Karen D. Lee\*

Doerte Luensmann

Deana E. Lum\*

Haylie Mulliniks\*

Jason Ng\*

Yafei Niu

Kristen Oblad\*

Jonna O'Connor\*

Zan Pan\*

Nisha Panjwani\*

J. Suzanne Parker\*

Gayatri K. Patel\*

Rachel Redfern

Anna Schlesselman\*

Kristin Schultz\*

Marc Schulze

Janay Sekhon

Nancy Shenouda-Awad\*

Kyla Smith\*

Jennifer L. Stone\*

H. Annie Stuntebeck\*

Vidhya Subramanian\*

Ivy Tat\*

Kelly Thompson\*

Dean Van Nasdale\*

Balamurali Vasudevan\*

Pit B.J. Vermeltoort

Joe Wheat\*

Jasmine Wong\*

### Canadian Student Travel Fellowships

*Funded by an educational grant from Vistakon*

Remy Allard\*

Raiju Babu\*

Sruthi Srinivasan

Lakshman Subbaraman\*

### The Michael G. Harris Student Travel Fellowship Award for Leadership

Tracy Jacobsen\*

### The Robert D. Newcomb Student Travel Fellowship Award for Leadership

Jon Stoppel\*

### Florida Chapter Student Travel Fellowships

Erin Jenewein\*

Kenney Wells\*

### Heart of America Chapter Student Travel Fellowships, Funded by an educational grant from Alcon

Sally Bodenhamer\*

Katie Hahn\*

### Indiana Chapter Student Travel Fellowship

Jingyun Wang\*

### New Jersey Chapter Student Travel Fellowships

Jaclyn Benzoni\*

Megan Cope\*

Allison LeBlanc\*

Heather McLeod\*

Kiersten Napier Dovorany\*

Sung Yom\*

Richard Zimbalist\*

### Binocular Vision, Perception & Pediatric Optometry Section Resident Travel Fellowships

*Funded by an educational grant from Alcon*

Lisa Edwards\*

Cristina Llerena\*

### Section on Cornea and Contact Lenses Resident Travel Fellowships

*Generously sponsored by CooperVision*

Victoria Butcko\*

Annie Chang\*

Annie Chin\*

Julie Forister

Julia Geldis\*

Angie Ghanayem\*

Jennifer Harthan\*  
Samantha Hornberger\*

Matt Lampa\*

Jennifer Marques\*

Andrew McLeod

Brett Neal

Cathy Pannebaker\*

Karen Perekalsky\*

Sandy Pham-Vang\*

Roxanna Potter

Kristen Pumphrey\*

Elizabeth Sanders\*

Nidhi Satiani\*

Stephanie Voyles\*

Ravaughn Williams\*

J. Ryan Zwelling\*

### Disease Section Resident Travel Fellowships

*Funded by an educational grant from Alcon*

Neeta Kapoor\*

Kristen Lamoreau\*

### Disease Section Resident Travel Fellowships

*Funded by an educational grant from Allergan*

Stacey Gin\*

### Low Vision Section Student Travel Fellowship

Judith Renaud\*

### Primary Care Section Resident Travel Fellowship

*Funded by an educational grant from Allergan*

Katherine Brauss\*

### Primary Care Section Resident Travel Fellowships

*Funded by an educational grant from Alcon*

Stephanie Ku\*

Zachary Pumphrey\*

### New England Chapter of the American Academy of Optometry Student Travel Fellowships

Ruth Alerte

Sarah Hetu\*

Erika Simpkins\*

Karen Wadhams\*

Garnet Yokoi\*

### Student Travel Fellowships

*Sponsored by the Illinois College of Optometry (ICO), the Illinois State Chapter of the Academy and the ICO Student Chapter of the Academy*

Ryan Beloungy

Alison Harapiak\*

Magdalena Kielian

Melissa Oltz\*

Katerin A. Ortiz\*

Priscilla Ramos\*

Gillian Robinson

Grace Tran\*

Jacob Vergin

Vanessa Wong\*

\* Member of the American Academy of Optometry

## AOF Silent Auction

**B**id on a two-night stay for two at the Tampa Marriott Waterside Hotel & Marina. This bayfront hotel is in the heart of Downtown Tampa, and the

one of the host hotels of Academy 2007 Tampa. It's new, it's elegant, and its complete business services, full-service spa and choice of restaurants are sure to make a great weekend get-away.

Visit the Silent Auction in the Exhibit Hall at the American Optometric Foundation's booth (#251). The auction continues through Sunday, concluding at the AOF Celebration Luncheon.



Photo: Tampa Bay Convention & Visitors Bureau



## CE Credits at Academy 2006 Denver

All CE All the Time™ means that virtually all of the education at Academy 2006 Denver is COPE approved. You can attend scientific paper sessions, section symposia, lectures, workshops, or special

Academy events—and get CE credit. Remember, even poster sessions are COPE approved. If you attend 50 continuous minutes of a poster session with authors present, you will receive 1 hour of CE credit. If you clock in and out for less

than 50 minutes, you will receive credit for the exact time in the session. The same rule applies to scientific paper lectures and section symposia.

**How will my continuing education (CE) be tracked at the**

**annual meeting?**

- There is a swipe machine located at the entrance of the classroom marked “IN.” Swipe your Academy badge (not your ARBO Optometric Education [OE] Tracker Card or hotel room key card) in that machine as you walk into the classroom.

- At the conclusion of the course, swipe your card at the machine marked “OUT.”

- No CE credit will be given to attendees who enter a session more than ten (10) minutes after the published starting time.

- No CE credit will be given to attendees who leave a lecture prior to its conclusion.

**How do I make sure that my credits have been captured?**

Each morning you will be able to check the previous day's credits at workstations in the Education Pavilion, located in A Lobby. If you have problems or questions about your credits, a representative of the meeting registration company will be at the Education Desk to resolve the situation quickly.

**How will I receive my CE certificate?**

Following the meeting, a link from the Academy Web site will be available for you to print your CE certificate at your leisure. You will also receive a hard copy by mail.

**How will my credits be transferred to the OE Tracker database?**

After the meeting, the credits for those doctors who had provided us with their OE Tracker numbers will be sent to ARBO, and the data will be uploaded to their records at [www.arbo.org](http://www.arbo.org). Attendance records are not sent to state boards; reporting attendance to the state board, if required, is the individual's responsibility unless state law or regulations indicate otherwise. Please check with your state board to clarify any special conditions or requirements.

### Save these dates for the best summer CE!

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REVIEW  
OF OPTOMETRY

June 14-17, 2007, Maui, Hawaiian Islands

Review of Optometry's new Summer CE Symposium is coming to Maui in 2007! It will be held at the Westin Maui Resort & Spa in beautiful Ka'anapali Beach, June 14-17. You can earn 14 CE credits! For more information, call Becky Legradi at 610-492-1044 or 1-800-636-1772 to register today. Or, go to [www.revoptom.com](http://www.revoptom.com).

August 2-5, 2007, Hamilton, Bermuda

Review of Optometry and SECO are returning to gorgeous Bermuda for the third annual education conference August 2-5 at the Fairmont Hamilton Princess. You can earn 14 CE credits! For more information, call Becky Legradi at 610-492-1044 or 1-800-636-1772 to register today. Or, go to [www.revoptom.com](http://www.revoptom.com).

B  
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Special Review hotel rates at both locations!



## There's Gold in Them Thar Hills . . . Liquid Gold

If you like beer, this is your kind of town. Denver brews more beer than any other city with 80 different beers brewed here daily. (In the city's early days as a mining town, the first permanent structure built was a saloon.)



Denver hosts the annual Great American Beer Festival, held right here in the Colorado Convention Center. This year marked the festival's 25th anniversary.

So if you have a taste for some serious suds, make a stop at one of several nearby brew pubs, where the beer is brewed on the premises.

(But, bear in mind that in Denver's rarified air, golf balls go 10% farther—so do cocktails. Alcoholic drinks pack more punch than at sea level.)

**Breckenridge Brewery**  
2220 Blake Street  
(303) 297-3644

Located across from Coors Field. This unique Beer-B-Que has award-winning hand-crafted beers and a Rocky Mountain atmosphere. Open seven days a week, from 11:00 a.m.-2:00 a.m.

**Denver Chophouse & Brewery**  
1735 19th Street  
(303) 296-0800

This 1930s brew pub offers seven microbrewed beers, classic cocktails and eclectic menu, big band music and a great atmosphere.

**Flying Dog Brewery**  
2401 Blake Street  
(303) 292-5027

Flying Dog is Denver's largest brewery and the second largest of over 80 craft breweries and brewpubs in the state. Featuring labels created by world-renowned artist, Ralph Steadman, the brewery produces ten unique craft beers.

**Rock Bottom Brewery**  
1001 16th Street  
(303) 534-7616

You haven't hit Denver until you've hit Rock Bottom! Rock Bottom Restaurant and Brewery offers an innovative menu complemented by fresh, handcrafted beers, brewed on

premise. Handcrafted food, great beer & fun.

**Wynkoop Brewing Company**  
1634 18th Street  
(303) 297-2700

The largest brew pub in the U.S. is located in historic downtown Denver. The

Wynkoop brew pub features fresh beer, hearty pub fare, elegant pool hall upstairs and live comedy in the basement. The Wynkoop is a local favorite and always busy and festive. Kids menu available.

Free brewery tours on Saturdays, 1:00-5:00 p.m.

## COMING IN FEBRUARY 2007

### Review of Optometry Special Edition Healthy Patients, Healthy Practice

#### Featuring:

- No-fee CE: The Benefits of Fitting Custom Lenses
- Clinical Aspects of Toric Silicone Hydrogel Contact Lenses
- Top 10 Toric Tips
- A Patient Journey Through the Healthy Practice
- The Importance of Lens Care with Today's Advanced Materials
- The Role of Daily Disposables in a Healthy Contact Lens Practice
- How to Increase Contact Lens Compliance

Plus columns from *Review of Optometry* monthly authors...

Monty Vickers, OD

Gary Gerber, OD

Joe Shovlin, OD

**REVIEW**  
OF OPTOMETRY

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## 2006 Ocular Photography Contest Winners

The Disease Section of the American Academy of Optometry has announced the winners of this year's ocular photography contest. This year's contest is sponsored by Fujitsu. The Grand Prize Winner receives complimentary registration for

Academy 2006 Denver.

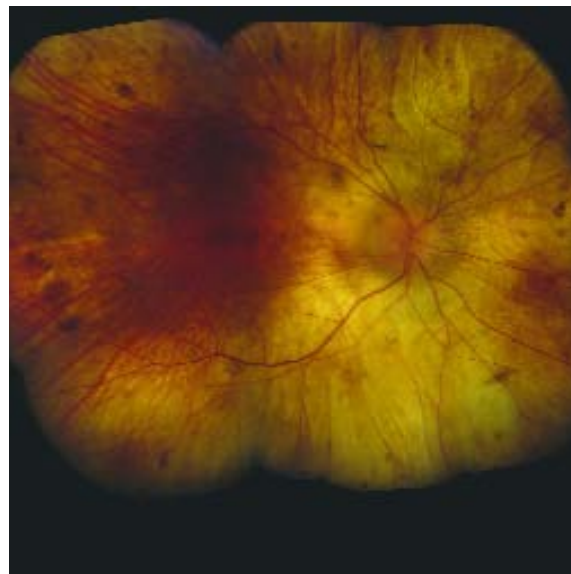
See all the winning photos on display at the Education Pavilion, located in A Lobby, and also at the Fujitsu booth in the Exhibit Hall.



### Grand Prize Winner

#### Fundus Albipunctatus

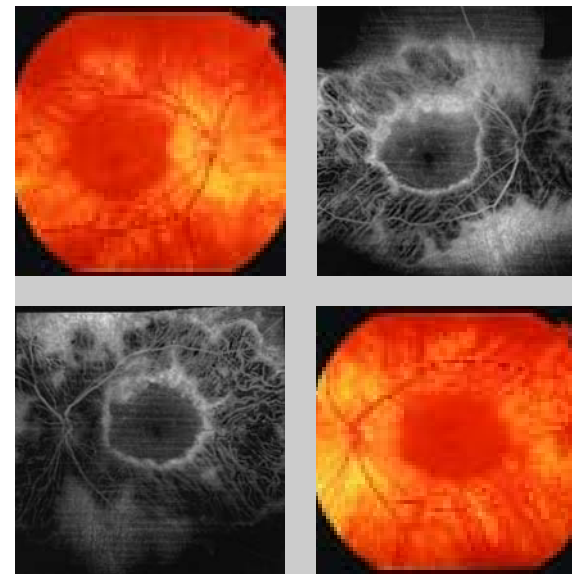
Peter G. Swann, MAppSc QUT, FFAO  
FCOptom, Kelvin Grove, Queensland,  
Australia



### First Runner Up

#### Choroideremia

David L. Duff  
Portland, Ore.



### Second Runner Up

#### Autosomal Dominant Retinochoroidal Atrophy

Sherry J. Bass, OD, FFAO  
New York, N.Y.

### Honorable Mentions

(not pictured here)

1. Matthew Lampa, OD  
Beaverton, Ore.

2. Rebecca R. Tudor, CRA  
Chicago, Ill.

3. Diana Mah, OD  
Salisbury, N.C.

4. Scott Anthony, OD, FFAO  
Shaker Heights, Ohio

5. Dawn J. Burgei, OD  
Hilliard, Ohio

### Public Health and Environmental Optometry Section Symposium

## Are We Ready for Our Baby Boomer Patients?

Moderator: Satya B. Verma, OD, FFAO

Friday, December 8, 8:00 – 10:00 a.m.

Room 712, Colorado Convention Center

This presentation includes an examination of the ethical basis for the patient-optometrist relationship and its importance in the care of the older adult. Attendees learn to balance public health goals by setting a framework for patients who are reasonably safe to drive and who are not safe using evidence-based research.

Hearing impairment is perceived by many to be a normal function of aging, but the type and severity of hearing impairment can indicate different diagnoses and different

approaches.

Hear issues related to medications, compliance and interaction of psychological, social and physical factors for more successful clinical evaluations and participation in multidisciplinary health care team.

The most common examination and management codes and appropriate diagnostic codes for Medicare are presented to achieve ethical billing for Medicare beneficiaries.

- *Introduction:* Satya B. Verma, OD, FFAO (Moderator)
- *Ethical Issues in the Care*

*of Aging Patients:* R. Norman Bailey, MA, OD, MBA, MPH, FFAO

- *Optimizing Mobility and Independence for Seniors:* Melvin Shipp, OD, MPH, DrPH, FFAO

- *Hearing Impairment and its Impact on Optometric Care:* Satya B. Verma, OD, FFAO

- *Unique Characteristics in the Examination of the Older Adult:* Alfred Rosenbloom, Jr., MA, OD, DOS, FFAO

- *Medicare Codes of Importance:* John Lahr, OD, FFAO

### Hearing and Vision: The Connection

Older people (mean age: 69.8 years) with **vision loss** are also more likely to have **hearing loss**, according to an analysis of the Blue Mountains Eye Study published in October's *Archives of Ophthalmology*. This finding suggests that these sensory impairments could share common risk factors and/or may be markers of biologic aging. The combination of these two sensory impairments also cumulatively decreases health-related quality of life.



# Academy Exhibits

**H**ope you all had a chance to visit the Exhibit Hall on Thursday. The Attendee Welcome Reception was a favorite among exhibitors and attendees alike. The Exhibit Hall will be open once again so you'll have another chance to visit our Exhibitors. Hall hours are:

**F**riday, December 8: 1:30 – 7:00 p.m.

Saturday, December 9: 10:00 a.m. – 3:00 p.m.

### Exhibitor Appreciation Reception

Friday: 5:30 – 7:00 p.m.

Join us in the Exhibit Hall as we thank our exhibitors for being part of Academy 2006 Denver! The food is sure to be as outstanding as our Exhibitors. So stop in, have a bite and say thanks to all

**Note to Exhibitors:** A reminder to you that Exhibitor sign up for Academy 2007 Tampa will be held Friday in the Exhibit Hall Amphitheater from 9:00 a.m. – 12:00 p.m. You should have received your exhibitor materials as well as your specified time. If you need additional information, please see Mercedes de la Cruz at the Academy's Membership Booth (booth #451) in the Exhibit Hall. If you're unable to attend, please leave your completed application with Mercedes today at the Academy's booth.

Company Name	Booth Number	Company Name	Booth Number	Company Name	Booth Number
A Fashion Hayvin, Inc. ....	817	EyeMed Vision Care/Luxottica ...	244	OCUTECH .....	541
A.I.T. Industries .....	623	Group		OfficeMate Software .....	706
ABKIT, Inc. ....	339	Eyequip/Wave .....	444	Ophthonix, Inc. ....	515
ABS Smart Mirror .....	342	Fashion Optical Displays .....	417	Optelec U.S., Inc. ....	423
Access Media Group .....	750	FCI Ophthalmics .....	410	Optometry Giving Sight .....	622
Acculens .....	745	First Vision Media Group .....	338	Optos North America .....	300
Acuvue Comfort Station .....	201	Freedom Scientific Inc. ....	543	Optovue .....	615
Addition Technology, Inc. ....	523	Freedom Vision .....	534	Paragon Vision Sciences .....	311
Advanced Medical Optics .....	221	Fujitsu .....	135	Pfizer Ophthalmics .....	509
Advanced Vision Research .....	611	Gelflex Laboratories .....	713	Precision Vision .....	415
Advanced Vision Technologies .....	717	Genzyme .....	438	Prevent Blindness America .....	230
Adventure in Colors, Inc. ....	414	Glaucoma Today .....	341	Prima Systems, Inc. ....	521
Alcon Fountain .....	257	Good-Lite Co. ....	237	Primary Care Optometry News ...	131
Alcon Laboratories, Inc. ....	151	Grow/CMS .....	815	ProNet .....	145
Alden Optical Laboratories .....	625	GRPZ-BiCOM, Inc. ....	140	Propper Manufacturing Co., Inc. .	238
Alimera Sciences .....	433	Haag-Streit USA .....	329	Radio Reading Services of the ...	733
Allergan .....	601	HAI Laboratories, Inc. ....	228	Rockies	
Altair Eyewear .....	115	Heidelberg Engineering .....	504	Rapid Pathogen Screening, Inc. ...	132
American Academy of Optometry .	451	Heine USA, Ltd. ....	129	Review of Optometry .....	723
American Express .....	239	Hoya Vision Care .....	343	Richmond Products .....	724
American Optometric Association .	234	HPSC Financial Services .....	420	Sauflon Pharmaceuticals .....	743
American Optometric Foundation .	251	HTS Inc. ....	124	Saunders/Mosby/Churchill .....	644
AmeriSciences .....	607	HumanWare .....	533	Schweizer & Multilens of America .	536
Art Optical Contact Lens, Inc. ....	514	Hydrogel Vision Corp. ....	308	Shamir Insight, Inc. ....	120
ARVO .....	632	Indian Health Services/USPHS ...	142	Signet Armorlite .....	139
Aurora Ministries .....	537	Innova Systems, Inc. ....	814	Sjögren's Syndrome Foundation ...	138
Bausch & Lomb .....	501	Inspire Pharmaceuticals, Inc. ....	651	Sonogage .....	215
Beecher Research Company .....	540	International Association of .....	630	Stereo Optical Company Inc. ....	628
Blanchard Contact Lens, Inc. ....	430	Contact Lens Educators		StoneBridge Pharma, LLC .....	629
Body Care Resort, Inc. ....	620	Keeler Instruments, Inc. ....	553	Synemed .....	437
Briot USA .....	118	Konan Medical USA .....	245	SynergEyes .....	502
British Contact Lens Association ..	609	Kowa Optimed .....	114	Tampa Bay CVB .....	555
Burton Ophthalmic .....	232	Lens Dynamics .....	340	The Lagado Corporation .....	440
Carl Zeiss Meditec, Inc. ....	701	Lions In Sight .....	144	The LifeStyle Gp Company .....	442
Carl Zeiss Vision, Inc. ....	801	Lombart Instrument .....	328	The Practice of the Future .....	751
Chemalux/Chemat .....	731	LWW VisionCare Group/ .....	634	Topcon Medical Systems, Inc. ....	323
CIBA Vision, a Novartis Company .	301	Optometric Management		Tru-Form Optics .....	721
Compulink .....	422	M&S Technologies, Inc .....	435	Unilens Corp., USA .....	336
Con-Cise Contact Lens Co. ....	722	Macu Chek™/Macu Scope™ .....	525	Valley Contax, Inc. ....	624
Conforma Contact Lenses .....	539	Marco .....	229	VersaSuite .....	716
CooperVision, Inc. ....	641	MATSCO .....	432	Vision Advantage International, Inc.	545
Crystal Practice Management ...	416	MaximEyes by First Insight Corp. .	419	Vision Science Software .....	640
Cynacon/Ocusoft .....	345	Medennium .....	315	Vision Technology, Inc. ....	619
Designs for Vision, Inc. ....	532	Medical School Debt Solution ...	141	VisionWeb .....	243
DGH Technology, Inc. ....	242	MediNotes Corporation .....	518	VISTAKON® .....	100
Eagle Vision, Inc. ....	240	MedOp Inc. ....	528	Visual Pathways, Inc. ....	429
Enhanced Vision .....	544	Menicon .....	306	Volk Optical Inc. ....	551
Ensign Skills Center .....	535	Metro Optics .....	321	VSP .....	115
Eschenbach Optik of America ...	529	MSS-Notal Vision .....	441	VSP Lab .....	115
Essilor Contact Lenses .....	715	National Keratoconus Foundation .	431	Wal-Mart Vision Center .....	638
Essilor Lenses .....	209	Nidek, Inc. ....	428	Westcon Contact Lens Company ...	205
Eyefinity .....	115	NOVA Southeastern .....	344	Wolters Kluwer Health .....	650
eyeMaginationS™ .....	709	Oasis Medical, Inc. ....	143	(Lippincott Williams & Wilkins)	
Eye Code Right .....	710	Ocular Instruments, Inc. ....	122	X-Cel Contacts .....	445
EyeCore By Nteon .....	729	Oculus, Inc. ....	500	Ziemer Ophthalmic Systems, AG .	128



SAVE THE DATE!

ACADEMY 2007

TAMPA, FLORIDA

TODAY'S RESEARCH, TOMORROW'S PRACTICE

NEW MONTH, NEW DAYS,  
SAME GREAT EDUCATION.

WEDNESDAY-SATURDAY  
OCTOBER 24-27, 2007



AMERICAN ACADEMY  
OF OPTOMETRY

## 'Disease and Dinner'— What Else Could it Be?

**T**hink twice before you treat. That was the underlying message at last night's "Disease and Dinner" Disease Section Symposium, presented by Joseph W. Sowka, OD, FAAO, of Nova Southeastern University College of Optometry, and Andrew S. Gurwood, OD, FAAO, of Pennsylvania College of Optometry, and sponsored by Alcon.

After dinner, Drs. Sowka and Gurwood presented two hours of challenging cases involving ocular inflammation, infection, neuro-ophthalmic disease and retinal disease in a conversational, give-and-take discussion with the audience.

"When dealing with any patient with ocular disease, there are two important points to remember," Dr. Sowka said. "First, never have a visceral, knee-jerk reaction to what you see because that will likely cause you to make errors in judgment. Do not panic. Carefully assess the situation, collect all pertinent findings, and make sound decisions and management plans. Second,



Hemi-retinal vein occlusion

always remember to ask yourself, 'What else can it be?'"

Dr. Gurwood said, "When managing ocular disease, always look for the underlying cause. The eyeball didn't just roll into your chair—it came in attached to arms and legs. In many instances, ocular disease can have systemic associations that require attention."

The interactive format, in which participants were welcome to take part in the discussion, helps everyone in the room learn something new. "We always feel that this type of interaction between ourselves and the audience represents the best learning for all involved, including us," Dr. Sowka said.

## Future Academy Meetings

2007

October 24-27, 2007  
Academy 2007 Tampa  
Tampa, FL  
Tampa Convention Center  
Tampa Marriott Waterside

2009

November 11-14, 2009  
Academy 2009 Orlando  
Orlando, FL  
Orlando World Center

2008

October 22-25, 2008  
Academy 2008 Anaheim  
Anaheim, CA  
Anaheim Marriott Hotel  
Anaheim Hilton Hotel

2010

November 17-20, 2010  
Academy 2010 San Francisco  
San Francisco, CA  
San Francisco Convention  
Center - Moscone West



## Attention Students: Special Activities for You

All Academy 2006 Denver lectures, workshops, symposia, scientific presentations and social events are open to student registrants. You are encouraged to actively participate in the meeting.

### Student Networking Luncheon

Don't forget to attend today's Student Networking Luncheon from 12:00-1:30 pm in ballroom 5d-f, Colorado Convention Center. The event is generously sponsored by CooperVision.

In addition to a great meal, the event is a great opportunity to network. Representatives from residency programs will be on hand to answer questions.

### The Winners' Circle

At the lunch you can win free tickets to attend the President's Banquet on Sunday, December 10. You will also have the opportunity to say "congratulations" to these students who will receive the following AAO Student Travel Fellowships (STFs) during this event!

- Jon Stoppel (UMSL), 2006 AOSA/AAO Liaison, recipient of the 2006 Robert D. Newcomb Student Travel Fellowship Award for Leadership.



Jon Stoppel

- Tracy Jacobsen (PUCO), 2006 Vice President, recipient



Tracy Jacobsen

of the 2006 Michael G. Harris Student Travel Fellowship Award for Leadership, dedicated to the memory of Dr.

George Mertz, to whom optometry and optometric education were so important.

### Continued this Year

Three complimentary student registrations for the next Academy meeting will be awarded.

Three students each receive a complimentary student registration to attend Academy 2007 Tampa, October 24-27, 2007.

To qualify for this drawing, stop by the Academy's Membership Booth (booth #541) with your student ID card. Sign in for your School or College of Optometry. The three schools having the highest number of students on these lists will qualify for the drawing. The three students will be randomly selected-one from each of the three school lists for a total of three students.

Congratulations to the following students who won these complimentary registrations for Academy 2006 Denver.

- Ryan M. Beyer (NECO)
- Jennifer Gong (UC, Berkeley)
- Vidhya Subramanian (OSU)



Students can enjoy not only top-quality education at Academy, but also fun social events, such as the Student Networking Luncheon, held today.

# EyeScape

Digital Imaging Solutions



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Intuitive Interface



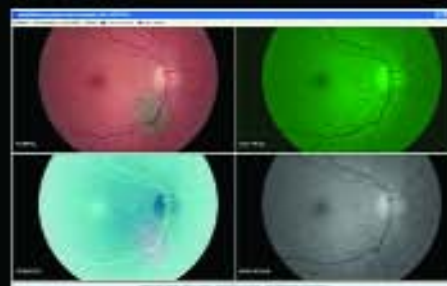
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Enhancement Mode



*Smart*

MosaicView



*Diagnostic*

MultiView



*Historical*

Historical Comparison



Stereo View

*Dimensional*

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**BOOTH #437**



## Why Is That Bear There?



Photo: Denver Metro Convention and Visitors Bureau

Have you seen the big blue bear that wants to know all the goings-on inside the Convention Center? The 40-foot tall bear is a piece of public art by Lawrence Argent, and is formally titled *I See What You Mean*.

Installed in June 2005, "The Blue Bear" is made of concrete, steel, and fiberglass and weighs 10,000lbs. It took a team of 25 men to maneuver the six segments of the bear together onsite after being constructed in California.

Argent describes the bear as a stylized vision of native animal life, but explains that his purpose in creating the bear was "to engage the viewer in ques-

tioning the assumed and provide a vehicle by which stimulus opens a plethora of response." The bear was designed to make the viewer come up with new ways to think and speak about art, Argent says.

So what does the big blue bear mean? "This is a risky piece," Argent says, because it can be understood as kitsch art, without unique meaning. As a public work of art, the bear can mean whatever each viewer thinks it means—you can agree or disagree with the OD next to you that the bear may just be a tad myopic, with its face pressed against the glass.

What do you think it means?

## Section Business Meetings

2006 Schedule at a Glance:

Section	Date/Time	Location
<b>Binocular Vision, Perception and Pediatric Optometry (BVPPO)</b> Chair: Kelly Frantz	Friday, December 8 12:15–1:15 p.m.	Granite Room A (3rd floor, Hyatt)
<b>Section on Cornea and Contact Lenses (CCL)</b> Chair: Glenda Secor	Sunday, December 10 7:30–8:30 a.m.	Mineral Hall B (3rd floor, Hyatt)
<b>Disease Section</b> Chair: Nicholas Colatrella	Sunday, December 10 8:00–9:00 a.m.	Granite Room B-C (3rd floor, Hyatt)
<b>Optometric Education (OE)</b> Chair: Sam Quintero	Sunday, December 10 8:00–9:00 a.m.	Granite Room A (3rd floor, Hyatt)
<b>Primary Care (PC)</b> Chair: Ann E. Clark	Sunday, December 10 7:30–9:00 a.m.	Agate Room B-C (3rd floor, Hyatt)
<b>Public Health and Environmental Optometry (PHEO)</b> Chair: Timothy A. Wingert	Sunday, December 10 7:30–9:00 a.m.	Mineral Hall C (3rd floor, Hyatt)
<b>Vision Science (VS)</b> Chair: Jerry R. Paugh	Sunday, December 10 7:30–9:00 a.m.	Agate Room A (3rd floor, Hyatt)

## All CE, All the Time™

This slogan means that virtually all of the education at Academy 2006 Denver is COPE approved. You can attend scientific paper sessions, section symposia, lectures, workshops, or special Academy events—and get CE credit.



## Let Your Voice Be Heard at Academy 2006 Denver!

At Academy 2006 Denver, there will be an election to fill vacancies on the Board of Directors. The Academy Board consists of eight members, including four officers and four at-large members. Every other year, votes are cast to choose the four at-large members, the Secretary-treasurer and the President-elect.

Join your colleagues for the election of officers at the Business Meeting (Business Meeting I on your schedule) tomorrow, December 9, from

10:00 a.m. to 11:00 a.m. in rooms 108/110/112 at the Colorado Convention Center. Then, the Academy's Nominating Committee will present their recommendations for candidates to fill the at-large positions. Each candidate will have two to three minutes to speak.

Beginning at noon and lasting until 4:00 p.m., you will have an opportunity to vote! The four highest vote-getters of all those nominated for at-large positions will be elected as the four at-large directors. Voting

will take place in Lobby A of the Colorado Convention Center, near Registration.

In order to vote, you must have paid your 2006 dues and be one of the following: Fellow, Life Fellow, Emeritus Fellow or an Honorary Fellow. Inactive or deactivated Fellows may renew membership with a credit card at the Academy's Membership Booth (#451) in the Exhibit Hall. If you present a receipt at the voting location, you will be allowed to vote. Please bring ID with you (i.e.,

your meeting name badge and a valid driver's license).

Election results will be announced at a second Business Meeting (Business Meeting II on your schedule) tomorrow, December 9, at 6:00 p.m., in rooms 108/110/112 of the Convention Center. (Should a tie occur, a run-off vote will be conducted at Business Meeting II.)

Both Business Meetings will also include presentations on the state of Academy programs and finances.



## Take a Tech Break

Plan your meeting schedule, print course outlines or abstracts of papers, check your e-mail and check your CE hours earned at the Technology and Education pavilions in the A Lobby of the Convention Center.

Also, stop by the Education Pavilion where volunteers can answer questions about your CE credits or send you in the right direction to find your course. The volunteers are also available to assist speakers.

Computers terminals at the Education Pavilion let you make sure your CE was recorded and print unofficial copies of your CE certificates (certified copies will be mailed after the meeting).

The Technology Pavilion, sponsored by CIBA Vision, is open during the following hours:

- Friday, 6:30 a.m. – 8:00 p.m.
- Saturday, 6:00 a.m. – 8:00 p.m.
- Sunday, 6:30 a.m. – 3:00 p.m.



At the Technology Pavilion, you can check your e-mail or surf the Internet. Across the way, at the Education Pavilion, you can check your continuing education credits.

Desk hours at the Education Pavilion are during the following hours:

- Friday, 6:00 a.m. – 6:00 p.m.
- Saturday, 6:00 a.m. - 5:00 p.m.
- Sunday, 8:00 a.m. – 5:00 p.m.

## Academy 2006 Hot Shots



First thing Thursday morning found attendees lined up for registration.



At the trinkets booth, attendees received bags, swag and lanyards.



Dennis Miller, OD, FAAO, Chair from the Lectures and Workshops Committee, introduced the panel of speakers at Wednesday night's 'Ellerbrock Presents' continuing-education event.



The 'Ellerbrock Presents' CE event covered 'A Lifetime of Eyecare' and featured a variety of speakers, including: (top row) Brett Bence, OD, FAAO; Ernest L. Bowling, OD, MS, FAAO; and Dennis Miller; (bottom row) Robert Greer, OD, FAAO; AAO's Knowledge Initiatives Facilitator Helen Viksnins, MEd [not presenting]; Jennifer L. Smythe, OD, MS, FAAO; Tammy Pifer Than, MS, OD, FAAO; Stan Hatch, OD, MPH, FAAO; and John Nishimoto, OD, MBA, FAAO.

### Today's Educational Luncheon Seminars

Take a break from the hustle and bustle of the meeting to enjoy lunch – and add to your knowledge base! Seating is limited. Go to the registration area to exchange lunch vouchers (in your registration packet) for lunch tickets.

**Friday, December 8: 12:15pm – 1:15pm**

**Keys to Contact Lens Comfort**  
(COPE # 15522-CL)  
Sponsored by Advanced Medical Optics (AMO)  
Ballroom 7a-b Colorado Convention Center  
Speaker: Thomas G. Quinn, OD, MS, FAAO

**Ocular Allergy: Find it, Treat it, Code it**  
(COPE # 12490-AS)  
Sponsored by Alcon  
Ballroom 8a-c Colorado Convention Center  
Speakers: Arthur Epstein, OD, FAAO and John Rumpakis, OD

**De-mystifying Relationships in Silicone Hydrogel Lenses**  
(COPE # 17742-CL)  
Sponsored by CooperVision  
Ballroom 6a-b Colorado Convention Center  
Speakers: Loretta Szcotka-Flynn, OD, MS, FAAO; Lyndon Jones, PhD, FCOptom, FAAO; Milton Hom, OD, FAAO

**Comfort and Adaptation with Silicone Hydrogel Lenses: A Clinical Investigation**  
(COPE Approval Pending)  
Sponsored by CIBA Vision  
Ballroom 8d-f Colorado Convention Center  
Speakers: Des Fonn, MOptom, FAAO and Kathy Dumbleton, MSc, FAAO  
Moderator: Rex Ghormley, OD, FAAO

**Cultural Vision – A Look at the America in Our Waiting Rooms**  
(COPE Approval Pending)  
Sponsored by Vistakon  
Ballroom 5a-c Colorado Convention Center  
Speaker: Derrick Artis, OD, MBA



## Academy 2006 Hot Shots



With a packed house, attendees were turned away from the CooperVision breakfast event presented by Joe Yager, OD, FAAO (left). A Denver native, John Schachet, OD (center), noted that “Denver is the dry eye capital” at a breakfast sponsored by Alcon. Kirk Smick, OD, FAAO, and Milton Hom, OD, FAAO, provided an overview of dry eye practice management at a breakfast sponsored by Allergan (right).



James Jorkasky (left), Executive Director of the National Alliance for Eye and Vision Research (NAEVR), helps James D. Zieske, PhD, of Schepens Eye Research Institute, contact Congress to increase federal funding of eye research.



Beth Ross of Source of Knowledge tells Tock-Han Lim, MD, of Singapore, all about the Academy 2006 audio recording CDs.



Hayley Woodall, OD, a pediatric resident based in Memphis, Tenn., swipes her CE card before going into Thursday's Plenary Session.



After a long day of CE, attendees streamed into the exhibit hall to check out the latest products and services, and attend the Academy's Welcome Reception.



Charlotte Joslin, OD, FAAO, discusses a fivefold increase in *Acanthamoeba* keratitis (AK) cases in the Chicago area during the past three years at yesterday's *Cornea, Anterior Segment, Externa, Dry Eye* paper session sponsored by Alcon. Dr. Joslin and her colleagues hypothesized that revised EPA standards reducing the allowable amount of carcinogenic disinfection byproducts may have altered the microbial balance of the water supply. However, given the association of the recent *Fusarium* keratitis outbreak with specific contact lens solutions, a case-control investigation is currently underway to determine if AK risk is solution associated.



Richard Cornett, MPA, discusses the InSight Leadership seminar with Fellowship candidate Melanie Crandall, OD.



Steven Bennett, OD, FAAO (right), of Bennett Optometry, Ann Arbor, Mich., said hello to (left to right) CIBA Vision's Erich Bauman, OD, FAAO, Laura Klein and Debra O'Brien.



Rick Weisbarth, OD, FAAO, becomes President of the American Academy of Optometry on January 1, 2007. Dr. Weisbarth, who is Vice President, North America Professional Services, for CIBA Vision, is the first member of the optical industry to lead the organization.