

A multi-disciplinary low vision rehabilitation & research conference



Hilton St. Louis at the Ballpark
St. Louis, Missouri



www.envisionconference.org

Make Your Plans to Attend

Envision CONFERENCE

A multi-disciplinary low vision rehabilitation & research conference



September 17, 2012

Registration and Submissions Open Online

March 22, 2013

Deadline for Clinical Education and Research Submissions & Edits

July 5, 2013

Early Bird Registration Deadline

July 12, 2013

Deadline for Advance Price Exhibitor Registration

August 2, 2013

Deadline for Workshop Presentation Materials and Handouts

August 23, 2013

Deadline for Presentation Materials and Handouts

August 26, 2013

Hotel Room Block Deadline



September 18-21, 2013

Envision Conference 2013 | Hyatt Regency Minneapolis

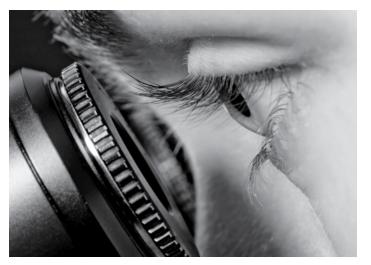
www.envisionconference.org·



About the Envision Conference

The number of individuals in the United States aged 65 or older is expected to more than double to nearly 70 million by 2030. As the population of older adults increases, so too does the number of people with vision impairments that significantly impact their quality of life. Additionally, vision loss or blindness can originate from injury or trauma, congenital or genetic origin, or disease beginning at birth or early childhood. That means virtually every medical professional will come into contact with a patient with low vision. As such, they need the most up-to-date information and education available to make good clinical decisions for patients in their care.

It was with this growing need to educate vision rehabilitation service providers that the Envision Conference was created. In 2006, the Envision Conference was launched as the first multi-disciplinary low vision rehabilitation and research conference of its kind. Over



the years, hundreds of low vision professionals from multiple fields and disciplines have joined to share their ideas, research and knowledge about the issues that face low vision individuals every day.

The mission of the Envision Conference is to improve the quality of low vision care through excellence in professional collaboration, advocacy, research and education.

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Since 1933, Envision has become one of the nation's most trusted service and employment providers for people who are blind or low vision. From providing a job to providing much needed resources, the goal is always the same – independence.

Headquartered in Wichita, Kansas, the mission of Envision is to enhance the personal independence of people who are blind or low vision through employment, vision rehabilitation and public and professional education. Learn more at www.envisionus.com.





Envision Conference Committees

The Envision Conference programming is peer-reviewed and selected with the help of the following committees:

Envision Conference 2012 Continuing Education Committee

- Michael Epp, MS, Director, Professional Education, Envision Foundation
- Kevin Houston, OD, FAAO, Instructor in Ophthalmology, Schepens Eye Research Institute, Boston, MA
- Linda Lawrence, MD, Private Practice, Salina, KS
- Anne Riddering, OTR/L, CLVT, COMS, Henry Ford Center for Low Vision Rehab & Research, Livonia, MI
- Debra A. Sokol-McKay, MS, OTR, CDE, SCLV, CLVT, CVRT, Consultant Private Practitioner
- Marla Sutton, MS, Senior Program Manager, Continuing Education, University of Kansas Medical Center

Envision Conference 2012 Research Abstract Review Board

- Laura Dreer, PhD, Assistant Professor of Ophthalmology, University of Alabama at Birmingham, Callahan Eye Foundation Hospital
- **Donald C. Fletcher, MD**, University of Kansas Department of Ophthalmology; Medical Director, Envision Vision Rehabilitation Center; Smith-Kettlewell Eye Research Institute and California Pacific Medical Center Department of Ophthalmology; Helen Keller Foundation for Research and Education
- Shirin E. Hassan, BAppSc(Optom), PhD, Assistant Professor, Indiana University School of Optometry
- Robert Massof, PhD, Lions Vision Research and Rehabilitation Center, Wilmer Eye Institute, The Johns Hopkins University School of Medicine
- Ronald Schuchard, PhD, Research Career Scientist, Atlanta VA R&D Service, Associate Professor of Neurology, Emory University
- George T. Timberlake, PhD, Professor, Department of Ophthalmology, University of Kansas Medical Center Awards

Envision Conference 2012 Awards



"Excellence in Education" Award Winner



Mary Warren, PhD, MS, OTR/L, SCLV, FAOTA, Associate Professor of Occupational Therapy and Director of the Graduate Certificate in Low Vision Rehabilitation at the University of Alabama at Birmingham, as well as Co-Director for the UAB Center for Low Vision Rehabilitation, has been selected by a panel of her peers to receive the 2012 "Excellence in Education" Award.

"Mary is a pioneer in the field of vision rehabilitation among occupational therapists," said Dawn DeCarlo, OD, and associate professor in the Department of Ophthalmology, UAB. "Her efforts have significantly

affected the field, and have contributed greatly to the movement of vision rehabilitation into the medical model. Besides being a gifted educator, she is also an amazing therapist who has helped many of my patients achieve or maintain the independence and high quality of life they desire and deserve despite their vision loss."

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Career opportunities for people with vision loss

Awards Envision Conference 2012



Envision Award in Low Vision Research



Olga Overbury, PhD, will be awarded the 2012
Envision Award in Low
Vision Research. The award is presented each year to a mid-career senior investigator in low vision and vision rehabilitation research.

Selection is peer reviewed and based on research by a scientist having six or more years post-terminal or professional degree research.

Dr. Overbury is Associate Professor, School of Optometry, University of Montreal, and Department of Ophthalmology, McGill University. Her research interests lie in the area of acute as well as chronic visual impairment and its sensory, perceptual and psychosocial impact. The goal of her research is to gain a better understanding of the perceptual abilities of individuals with vision loss in order to better tailor rehabilitation training to their unique needs. Overbury is the recipient of numerous awards and grants which focus on removing patient barriers to vision rehabilitation services and social inclusion of people with disabilities. She is a highly sought after research lecturer and leader in the vision rehabilitation research field. Dr. Overbury has over 100 peer reviewed research articles, abstracts and book chapters in scientific publications. Recent publications such as, "Barriers to Low Vision Rehabilitation – The Montreal Barriers Study," in Investigative Ophthalmology & Vision Science, speak to Dr. Overbury's impact on the low vision research field.

Announcing the Envision Oculus Award

In an effort to recognize professionals who exemplify the mission of the Envision Conference, we are pleased to announce the Envision Oculus Award. The Envision Oculus Award will be presented to the individual(s) or organization whose career or program has had a national or international impact for people who are blind or low vision through professional collaboration, advocacy, research or education.

A nomination form is included in your attendee resources, or you can visit **www.envisionconference**. org to submit your nomination. Nominations for the 2013 Oculus Award will be accepted through February 1, 2013. The 2013 Oculus Award will be presented at Envision Conference 2013 in Minneapolis, Minnesota.

Envision Conference 2012 Schedule Overview



Schedule Overview

Tuesday | September 11

3-6 pm **Registration Open** | Grand Foyer

Speaker Ready Room Open |

Suite II

Wednesday | September 12

8 am-6 pm **Registration Open** | Grand Foyer

Speaker Ready Room Open |

Suite II

8-9 am **Continental Breakfast** | Grand Foyer

9 am-12 pm Morning Pre-conference Work-

shops | See Schedule-at-a-Glance

12-1 pm Lunch on Your Own

1-4 pm **Afternoon Pre-conference Work-**

shops | See Schedule-at-a-Glance

4-6 pm **Pre-conference Research**

Activity | Salon B

Thursday | September 13

7 am-5:30 pm **Registration Open** | Grand Foyer

Speaker Ready Room Open |

Suite II

7-8 am **Continental Breakfast** | Grand Foyer

8-9:30 am "Excellence in Education"

Plenary Session | Salon C

9:30-9:45 am **Coffee Break** | Grand Foyer

9:45 am-5:30 pm Conference Sessions |

See Schedule-at-a-Glance

12-8 pm **Exhibit Hall Open** | Arch View

Ballroom

12-1 pm Lunch on Your Own

3-3:30 pm Coffee Break in Exhibit Hall

Arch View Ballroom

5:30-8 pm **Welcome Reception** | Arch View

Ballroom

Friday | September 14

7 am-5:30 pm **Registration Open** | Grand Foyer

Speaker Ready Room Open |

Suite II

7 am-1:15 pm **Exhibit Hall Open** | Arch View

Ballroom

7-8 am Continental Breakfast in Exhibit

Hall | Arch View Ballroom

8 am-5:30 pm Conference Sessions

See Schedule-at-a-Glance

10:15-10:45 am Coffee Break in Exhibit Hall

Arch View Ballroom

11:45 am-1:15 pm **Buffet Lunch in Exhibit Hall**

Arch View Ballroom

3:15-3:30 pm **Coffee Break** | Grand Foyer

5:30-7:30 pm **Envision University Launch Party**

Ballpark Conference Center

Saturday | September 15

7 am-5 pm **Registration Open** | Grand Foyer

Speaker Ready Room Open |

Suite II

7-8 am **Continental Breakfast** | Grand

Foyer

8 am-5 pm Conference Sessions |

See Schedule-at-a-Glance

10-10:15 am **Coffee Break** | Grand Foyer

12:15-1:30 pm Lunch on Your Own

3:45-4 pm **Coffee Break** | Grand Foyer

Tuesday	, September 11						
3:00 PM	Registration Open, 3-6 pm, Grand Foyer						
	Speaker Ready Room Open, 3-6 pm, Suite II						
Wednes	day, September	12					
8:00 AM	Registration and Speak	xer Ready Room Open, 8	am-6 pm, Grand Foyer				
	Continental Breakfast, 8-9 am, Grand Foyer						
	Salon A	Salon E, F	Salon B	Gateway I	Gateway II		
9:00 AM	W1: Workshop on Binocular Vision and Vision Therapy for the Visually Impaired. Kevin Houston, OD	W2: Treating Older Adults With Dual Sensory Impairment. Jean-Pierre Gagné, PhD	W3: Addressing the Psychosocial Impact of Vision Loss. <i>Diane Whitaker, OD</i>	W4: Tools for Awareness and Enhancement of the Sensory System in Individuals That Are Vision Impaired: A Multi-Disciplinary Approach. Katie Bradley; Bonnie Cochran, CLVT, CPOA; Karen Kendrick, OTR/L, CLVT; Andra Mies, COTA			
12:00 PM	Lunch on your own						
1:00 PM	W5: Assessment, Selection and Instruc- tional Strategies for Video and Electronic Magnifiers. <i>Ike Presley,</i> TVI, CLVT; Dennis Siemsen, OD	W6: Just in Time — News About the Aging Brain: How It Works; How We Can Work With It. Colleen O'Donnell, OT, CLVT	W7: Kitchen Skills 101: Envisioning Independence. Debra Sokol-McKay, MS, OTR/L, SCLV, CVRT, CDE, CLVT	W8: Coping With Chaos: Neuro-Opto- metric Rehabilitation Techniques and Their Application in a Clinical and Team Setting. Karen Kendrick, OTR/L, CLVT; J. Vernon Odom, PhD; William Park, OD, FAAO			
4:00 PM			Pre-conference Research Activity: Current Trends in Low Vision and Vision Rehabilitation Research				
Thursda	y, September 1	3		<u>'</u>			
7:00 AM	Registration and Speaker Ready Room Open, 7 am-5:30 pm, Grand Foyer						
	Continental Breakfast,		· · · · · · · · · · · · · · · · · · ·				
8:00 AM	"Excellence in Education" Plenary Session, Salon C						
9:30 AM	Coffee Break, 9:30-9:4						
	Salon A	Salon E, F	Salon B	Gateway I	Gateway II		
9:45 AM	C1: Evaluation and Management of Children With Visual Impairments. Mark Wilkinson, OD	C2: The World of AppsThere is an App for That! Ana Juricic, OD	C3: The Home Environment Lighting Assessment (HELA). Monica Perlmutter, OTA	C4: Diabetes and Vision Loss: Filling Knowledge Gaps By Relying on Research Evidence. Deborah Gold, PhD			

	Salon A	Salon E, F	Salon B	Gateway I	Gateway II		
11:00 AM	C5: OD-OT: A Marriage Made in Heaven? Ramanpal Deol, OD, FAAO; Wanda Smith, CLVT, OT, MA Ed	C6: Low Vision Accessibility of Small Visual Displays. William Reuschel; Ronald Schuchard, PhD; Mark Uslan	C7: Return to Reading Following Homonymous Hemianopsia. Tonya Mennem, OT, CLVT	C8: Looking Good: It's Not Beauty School. Cynthia Bachofer, TVI, CLVT	dutoway ii		
12:00 PM	Exhibits Open, 12 pm-8	B pm, Arch View Ballroom)]				
	Lunch on your own, 12	Lunch on your own, 12-1 pm					
1:00 PM	C9: A VA/VCE Perspective on TBI-Related Vision Impairment and Dysfunction. Felix Barker, OD; Kia Eldred, OD; Gregory Goodrich, PhD; Ronald Schuchard, PhD	C10: Accessing Vision and Vision Loss – Low Tech to High Tech. August Colenbrander, MD	C11: Bioptic Telescopes for Wheelchair Mobility: A Continuum of Evalua- tion and Training Tools. Erika Andersen, CLVT; Douglas Muir, ABO, COMS; Jaqueline Wolz, PT	C12: Keeping Up: Neuro-Vision Cases. Colleen O'Donnell, OT, CLVT	R2: Modern Medicine: Development of Mobile Device and PC-Based Vision Testing, Assessment and Education. Moderator: Ava Bittner, OD, PhD		
3:00 PM	Coffee Break, 3-3:30 pr	n, Arch View Ballroom					
3:30 PM	C13: The Kansas Lions Statewide Low Vision Program (KanLovKids): A Delivery Model Devel- oped by a Community of Practice. Kendall Krug, OD; Anne Nielsen, PhD	C14: Addressing Functional Limitations of Visually Impaired Home Health Patients. <i>Melicia Coleman, RN; Joseph Hallak, OD, PhD; Robert W. Massof, PhD</i>	C15: Strategies and Insights for Vision Rehabilitation. <i>Daniel</i> Gottlieb, OD, FAAO, FCOVD, NAP	C16: Teaching Employability Skills to Youth and Adults With Visual Impairments. Karen Wolffe, PhD, Voca- tional Rehabilitation Counselor, CRC	R3: What Does Eye- Tracking Research Teach Us About the Use of Residual Vision? Moderator: Olga Overbury, PhD		
5:30 PM	Welcome Reception	, 5:30-8 pm, Arch View E	Ballroom				
Friday.	September 14						
7:00 AM	Registration and Speaker Ready Room Open, 7 am-5:30 pm, Grand Foyer						
	Exhibits Open, 7 am-1:15 pm, Arch View Ballroom						
	Continental Breakfast, 7-8 am, Arch View Ballroom						
	Salon A	Salon E, F	Salon B	Gateway I	Gateway II		
8:00 AM	C17: Beyond the Amsler: Current Trends in Vision Self- Monitoring Approaches for Age-Related Macular Degeneration. Ava Bittner, OD, PhD; Gislin Dagnelie, PhD	C18: Cortical Visual Impairment and Blindness, Functional Implications and Rehabilitation. Kia Eldred, OD	C19: Physical Activity and Low Vision: How Do We Facilitate This Important Occupation? Beth Barstow, OT	C20: Service Needs of Older Adults With Vision Loss. <i>Deborah Gold, PhD; Alexander Shaw, PhD</i>	R4: Outcomes, Difficulties and Needs. Panel I. Moderator: Laura Dreer, PhD		
9:15 AM	C21: Your Role in Disability Assessment and Accommodation Requests. Mark Wilkinson, OD	C22: The Face of Vision Loss — Real Life Case Presentations. Ana Juricic, OD	C23: Visual Search Training for Hemianopsia and Visual Inattention. <i>Lind</i> Stevens, OTR, MS	C24: Selecting an E-Book Reader for People With Low Vision. <i>Ike Presley, TVI, LVT</i>			

Friday, S	September 14 co	ont.				
10:15 AM	Coffee Break, 10:15-10:45 am, Arch View Ballroom					
	Salon A	Salon E, F	Salon B	Gateway I	Gateway II	
10:45 AM	C25: Driving With a Visual Impairment: Is This a Contradiction? Mark Wilkinson, OD	C26: Vision Rehabilitation Through the Lens of Primary Care. Sarah Hinkley, OD	C27: ABCs of Low Vision Rehabilitation in a SNF. Marilee Walker, OT	C28: She Reads Funny: Psychosocial Aspects of Reading With Low Vision. Cynthia Bachofer, TVI, CLVT	R5: Outcomes, Difficulties and Needs. Panel II. <i>Moderator:</i> Laura Dreer, PhD	
11:45 AM	Buffet Lunch, 11:45 ar	n-1:15 pm, Arch View Ba	Ilroom			
1:15 PM	C29: Hope for Optic Neuropathy: Improved Neuro-Transmission Improves Sight. Ronald Siwoff, OD	C30: Eccentric Viewing Training Tailored to the Needs of Your Client: A Bi-Format Program for Instrumental Activities of Daily Living and for Avid Readers. Josée Duquette, MSc; Marie-Chantal Wanet- Defalque, PhD	C31: Working With Persons With Newly Acquired Monocular Vision in Occupational Therapy. Lind Stevens, OTR, MS	C32: Emergency/ Disaster Preparation for All: Taking Into Consideration the Complexity of Visual Impairment. JoAnne Wright, OT, CLVT, PhD OS	R6: Building Design, Environmental Lighting and Optics. <i>Moderator: Robert</i> <i>Massof, PhD</i>	
3:15 PM	Coffee Break, 3:15 - 3:3	30 pm, Grand Foyer				
3:30 PM	C33: Clinical and Research Case Studies: Illuminating Our Understanding of Complex Factors When Working With Older Adults with Low Vision. Deborah Gold, PhD; Judith Goldstein, OD; J Vernon Odom, PhD; Joan Stelmack, OD	C34: Pediatric Low Vision Managment– An Optometrist's View. Susan Leat, OD, PhD	C35: Using Contact Lens Care to Treat Vision Impairment in Adult and Pediatric Patients: A Key Component of Vision Rehabilitation. Lori L. Grover, OD, PhD	C36: Documentation and Billing of Low Vision Rehabilitation Services. <i>Kendall Krug, OD</i>		
5:30 PM	ENVISION UNIVERSITY Launch Party, 5:30-7:30 pm, Ballpark Conference Center					
Saturday	, September 15					
7:00 AM	<u> </u>					
	Salon A	Salon E, F	Salon B	Gateway I	Gateway II	
8:00 AM	C37: Evaluation and Treatment of the Child With Vision Impairment. Dawn DeCarlo, OD	C38: Establishing a Comprehensive Vision Rehabilitation Program: A Successful Medical and Business Model. Bhavani Iyer, OD	C39: Driving and Visual Impairment. Lori L. Grover, OD, PhD; Kendall Krug, OD	C40: Getting to Know Your Client: How to Integrate Your Client's Cultural and Spiritual Beliefs Within the Vision Rehabilita- tion Process. Colleen O'Donnell, OT, CLVT; Wanda Smith, OT, CLVT, MA Ed	R8: New Methods and Approaches to Low Vision Rehabilitation. Moderator: Walter Wittich, CLVT, PhD	

Saturda	y, September 15	cont.					
10:00 AM	Coffee Break, 10-10:15 am, Grand Foyer						
	Salon A	Salon E, F	Salon B	Gateway I	Gateway II		
10:15 AM	C41: Smart Medicine for Your Eyes. <i>Jeffrey Anshel, OD</i>	C42: Multi-Disciplinary Collaboration in the University-Based Low Vision Rehabilitation Practice. Ellen Bow- man, TVI, COMS; Robin Deacy, OT; Dawn DeCarlo, OD	C43: What I Know Now – and Still Need to Know – That I Didn't Know Before About Vision Impairment and Rehabilitation. Lori L. Grover, OD, PhD	C44: Distance Viewing & Magnification: O&M and Low Vision Therapy Approaches. Erika Andersen, CLVT; Michelle Robinson, COMS	R8: Mobility Issues. Moderator: Shirin Hassan, OD, PhD		
12:15 PM	Lunch on your own, 12	Lunch on your own, 12:15-1:30 pm					
1:30 PM	C45: What's Working for a Contact Telescopic Prescription: From Bicycling to Bioptic Driving. Daniel Gottlieb, OD, FAAO, FCOVD, NAP; Ike Presley, TVI, CLVT		C46: The Importance of Multi-Disciplinary Care in Low Vision Rehabilitation: Benefits to Patient Care vs. the Challenge in Implementation. Tara LeBlanc, OD, OT		R10: Research on Reading Tests for Vision Rehabilitation. Moderator: Donald Fletcher, MD		
2:45 PM	C47: Recovering Visual Fields Where You Thought it Was Impos- sible. <i>Bob Edwards, OD</i>		C48: Acquired Brain Injury and Vision Rehabilitation. <i>Melissa Zarn, OD</i>				
3:45 PM	Coffee Break, 3:45-4 pm, Grand Foyer						
4:00 PM	C49: Standing Orders for Low Vision Rehabilitation Services: A Solution to Ensure Referrals for Low Vision Rehabilitation Services. Shirley Anderson, OTR/L, SCLV, CLVT; Kelly Singleton, OD, MS		C50: Utilizing Assessment Tools to Guide Everyday Practice for the Low Vision Specialist. Karla Sternberg, OT, CLVT				

Special Events Envision Conference 2012





Pre-conference Research Activity

Wednesday, September 12, 4-6 pm | Salon B

Current Trends in Low Vision and Vision Rehabilitation Research

Moderators: Laura Dreer, PhD; Shirin E. Hassan, OD, PhD; Robert Massof, PhD; Ronald Schuchard, PhD; George T. Timberlake, PhD

Many trends, practical applications and funding – or lack thereof – dictate the topics of research chosen by the scientific community. This roundtable discussion is designed to provide a venue for scientists to discuss current issues in low vision and vision rehabilitation science.

Topics to be discussed also include areas of research that may be coming up short based on inconclusive or contradictory findings and areas of research that hold the most promise for the future.

"Excellence in Education" Plenary Session

Thursday, September 13, 8-9:30 am | Salon C

Mary Warren, PhD, MS, OTR/L, SCLV, FAOTA, is an Associate Professor of Occupational Therapy and Director of the Graduate Certificate in Low Vision Rehabilitation at the University of Alabama at Birmingham, as well as Co-Director for the UAB Center for Low Vision Rehabilitation. She is the editor of a self-paced clinical course on low vision and co-editor of the textbook *Occupational Therapy Interventions for Adults with Low Vision*, both published by the American Occupational Therapy Association Press. She chaired the AOTA panel that developed specialty certification in low vision rehabilitation for occupational therapy practitioners. She has presented numerous workshops on low vision rehabilitation and on visual perceptual dysfunction following acute brain injury, and is an internationally recognized authority in this area. Warren is a 2010 recipient of the UAB President's Award for Excellence in Teaching.

This plenary session presents the interdisciplinary challenges vision rehabilitation providers encounter and the essential knowledge they must present to work effectively with persons with vision impairment. The key roles of optometry, occupational therapy, ophthalmology and allied vision rehabilitation professionals will be described along with the patient interventions required of the modern vision rehabilitation team. Post-professional continuing education efforts required to ensure that vision rehabilitation providers maintain continuing professional competence will be emphasized.

Envision Conference 2012 Special Events

Objectives:

1. Describe the essential knowledge that all vision rehabilitation providers must possess to work effectively with persons with vision impairment.

- 2. Describe the roles and intervention focus of the 21st century vision rehabilitation team.
- 3. Describe the post-professional efforts required to ensure that vision rehabilitation providers maintain continuing professional competence.

CEUs: ACCME: 1, ACVREP: 1, AOTA: 1, COPE: 1, CRCC: 1

Welcome Reception

Thursday, September 13, 5:30-8 pm | Arch View Ballroom

After a long day of educational sessions, we know you'll want to unwind. This is your chance to network with colleagues from around the world and visit with all of the great exhibitors! Each guest will receive two complimentary drinks and plenty of hors d'oeuvres.



Envision University Launch Party

Friday, September 14, 5:30-7:30 pm | Ballpark Conference Center

To keep up with the increase of those living with vision loss and blindness, professionals need the most up-to-date information and education available to make good clinical decisions for patients in their care. As the need for education increases, so does our responsibility to provide it. It was with this in mind that Envision University was created.

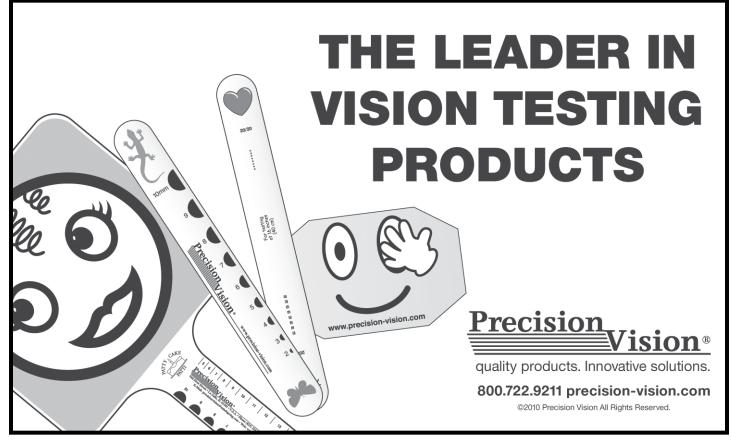
The mission of Envision University is to provide multi-disciplinary continuing education and research opportunities for low vision rehabilitation professionals, establishing best practices to ensure continued research and clinical care for individuals who are blind or visually impaired. Our promise is to



collaborate with vision rehabilitation and research professionals to provide relevant multi-disciplinary continuing education and research opportunities that address practice gaps in current standards of care and research.

Join us for a very special reception, complete with celebratory drinks, delicious desserts and exciting information about the new ENVISION UNIVERSITY online platform.

Awards Envision Conference 2012



kindle BINGO!

Visit each **Envision Conference 2012** vendor booth to learn more about their products and services, and secure the unique stickers needed to complete your Bingo card. Return your completed form to the registration table by noon on Saturday to be eligible for the drawing. Late entries will be disqualified; only completed cards will be eligible. Winner to be notified by phone or email.



We hope you have a great Envision Conference experience!

Envision Conference 2012 Workshops



Wednesday, September 12

W1. Workshop on Binocular Vision and Vision Therapy for the Visually Impaired

Kevin Houston, OD 9 am-12 pm | Salon A

This workshop is aimed at both doctors and therapists with the goal of enhancing their ability to assess binocular vision and provide prism and vision therapy for their visually impaired patients. For low vision patients, restoring or stabilizing binocularity enhances remaining vision by amplifying thresholds via binocular summation. This has a meaningful impact on function and comfort by improving contrast sensitivity and decreasing scotoma size. For neurologically impaired patients, vision therapy and prisms provide an opportunity to begin to "get rid of the patch" and work toward using the eyes together again. Participants will be able to tailor their workshop to fit their area of practice. There will be hands-on experience with prism bar measurements and common vision therapy tools. Please note the cost of this workshop is \$150. A starter-kit and therapy manual with all the protocols is included in the cost of the workshop. Enrollment is limited.

Instruction Level: Introductory **Objectives:**

- Describe the importance of full and accurate refractive error correction prior to binocular vision assessment or treatment; describe methods for assessing binocularity in patients with low vision and central scotomas.
- 2. Conduct testing of phorias and vergence ranges; conduct near point of convergence testing.
- 3. Demonstrate custom prescription of prism for

close working distance, or demonstrate methods of diagnosis and rehab techniques for torsional strabismus; assess visual field, functional effects of strabismus in patients with constricted or hemianopic fields.

CEUs: ACCME: 3, ACVREP: 3, AOTA: 3, COPE: 3,

CRCC: 3



W2. Treating Older Adults With Dual Sensory Impairment

Jean-Pierre Gagné, PhD 9 am-12 pm | Salon E, F

The session will address the effects and consequences of acquired hearing loss in older adults and present strategies than can be used to optimize communication. The psychosocial effects of hearing loss in older adults will be presented. The effects of hearing loss on older adults with visual impairments will be discussed.

Instruction Level: Introductory **Objectives:**

- 1. Characterize the effects and consequences of hearing loss in older adults.
- 2. Differentiate between the strategies to optimize communication with older adults with hearing loss.

3. Identify the psychosocial effects of hearing loss in older adults and intervention strategies that have been used to counter them.

CEUs: ACCME: 3, ACVREP: 3, AOTA: 3, CRCC: 3

W3. Addressing the Psychosocial Impact of Vision Loss

Diane Whitaker, OD 9 am-12 pm | Salon B

Historically, the psychosocial impact of vision loss has been overlooked or ignored by the eye care community, even though it has a tremendous impact on an individual's functional performance. Recent studies have shown that vision rehabilitation may improve functional ability and, therefore, lessen the frustration, anxiety and sense of loss associated with visual impairment. However, identifying and addressing the underlying psychological issues related to loss are critical to ensure an optimal vision rehabilitation outcome.

Instruction Level: Intermediate Objectives:

- 1. Differentiate between grief, complicated grief and depression.
- 2. Identify individuals at the greatest risk for depression.
- 3. Recommend the appropriate therapy or intervention for the psychosocial issues that arise from vision loss.

CEUs: ACCME: 3, ACVREP: 3, AOTA: 3, COPE: 3, CRCC: 3

W4. Tools for Awareness and Enhancement of the Sensory System in Individuals That Are Vision Impaired: A Multi-Disciplinary Approach

Katie Bradley; Bonnie Cochran, CLVT, CPOA; Karen Kendrick, OTR/L, CLVT; Andra Mies, COTA 9 am-12 pm | Gateway |

This workshop focuses on adaptations and

modifications with daily living skills to maximize independence and leisure activities. Programs and activities that impact the sensory system, including art, music and physical fitness, will be presented in an interactive format.

Instruction Level: Introductory **Objectives:**

- Identify the clinical aspects of the sensory system.
- 2. Identify sensory system interventions within the domain of occupational therapy.
- 3. Differentiate between effective support programs for children, youth and adults with visual impairments.

CEUs: ACVREP: 3, AOTA: 3, CRCC: 3

W5. Assessment, Selection and Instructional Strategies for Video and Electronic Magnifiers

Ike Presley, TVI, CLVT; Dennis Siemsen, OD 1-4 pm | Salon A

Compared to many high-tech devices, video/electronic magnifiers are relatively easy to use. The basics are quite simple but learning to use these valuable tools efficiently can mean the difference between success and failure in education, employment and personal productivity. This workshop will cover optometric assessment through appropriate selection and instructional rehabilitation strategies. Techniques will be demonstrated that can assist users in accomplishing a variety of reading and writing tasks.

Instruction Level: Intermediate **Objectives:**

- 1. Characterize appropriate assessment protocols for video and electronic magnifiers.
- 2. Identify appropriate video magnifying technology for patients with vision loss.
- 3. Explain the most useful instructional strategies for video magnifiers.

CEUs: ACCME: 3, ACVREP: 3, AOTA: 3, COPE: 3, CRCC: 3

Envision Conference 2012 Workshops

W6. Just in Time – News About the Aging Brain: How It Works; How We Can Work With It

Colleen O'Donnell, OT, CLVT 1-4 pm | Salon E, F

The scientific community's latest research is just in time for booms in the aging population, aging eye diseases and dementia. This workshop will review new research on the aging brain and brain health. Specific techniques to enhance the vision rehabilitation program using this information will be illustrated through case studies.

Instruction Level: Intermediate **Objectives:**

- 1. Describe new evidence-based research about the aging brain.
- 2. Identify strategies to enhance the vision rehabilitation using this new information.
- 3. Categorize support for the low vision client with education in brain health self-management.

CEUs: ACCME: 3, ACVREP: 3, AOTA: 3, CRCC: 3

W7. Kitchen Skills 101: Envisioning Independence

Debra Sokol-McKay, MS, OTR/L, SCLV, CVRT, CDE, CLVT 1-4 pm | Salon B

Is your patient unsafe or having difficulty with meal preparation tasks? Teach him or her to use "marked" settings on a stove, identify canned beans and utilize a talking food thermometer. Discover low vision and non-visual techniques and adaptive equipment ranging from reading food directions to food identification, preparation and cooking.

Instruction Level: Introductory **Objectives:**

- 1. Describe the impact of vision loss on meal preparation.
- 2. Describe the application of low vision principles to meal preparation activities.
- 3. Provide examples of low vision and non-visual

techniques and equipment used to complete all phases of meal preparation ranging from set-up to food preparation to cooking.

CEUs: ACVREP: 3, AOTA: 3, CRCC: 3

W8. Coping With Chaos: Neuro-Optometric Rehabilitation Techniques and Their Application in a Clinical and Team Setting

Karen Kendrick, OTR/L, CLVT; J. Vernon Odom, PhD; William Park, OD, FAAO 1-4 pm | Gateway I

This presentation focuses on the complexities and efficacy of providing neuro-optometric rehabilitation in a clinical setting, utilizing an interdisciplinary team approach. Case studies of patients presenting with a multitude of complex systemic and/or neurological manifestations related to traumatic brain injury, cerebral vascular accidents and neoplasms will be presented. Diagnosis and the implementation of neuro-optometric rehabilitation techniques involving primary care, neurology, neuro-ophthalmology, occupational therapy, physical therapy, speech language pathology and behavioral health will be emphasized. Discussion of vision therapy (efficacy, validity and cost) is invited.

Instruction Level: Intermediate **Objectives:**

- 1. Describe the etiology of neurological vision loss and implications for visual function.
- 2. Explain the function and utility of the Visual Evoked Potential test (VEP) in diagnosing neurological vision loss.
- Identify the role of each member of the interdisciplinary team involved in the care of a neurological patient and identify neurooptometric rehabilitation techniques employed by each specialty.

CEUS: ACCME: 3, ACVREP: 3, AOTA: 3, COPE: 3, CRCC: 3



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Envision Conference 2012 Thursday Sessions



Clinical education sessions are listed with C session numbers.

Research sessions are list with R session numbers.

• Thursday, September 13

C1. Evaluation and Management of Children With Visual Impairments

Mark Wilkinson, OD 9:45-10:45 am | Salon A

Children with visual impairments offer a unique challenge to both the ophthalmic practitioner and the low vision clinician. By providing the clinical examination and prescription of treatment options, the low vision clinician is an important member of the multidisciplinary team. In addition, the low vision clinician can assist the educational team with the development of the student's Individual Educational Plan and assist with choosing the appropriate learning medium. This presentation provides a comprehensive review of low vision management of children with visual impairments.

Instruction Level: Intermediate **Objectives:**

- 1. Characterize the unique characteristics and needs of this population.
- 2. Explain the clinical evaluation of the child with a visual impairment.
- 3. Differentiate the roles of the multidisciplinary team that works with children with visual impairments.

CEUs: ACCME: 1, ACVREP: 1, AOTA:1, COPE: 1, CRCC: 1



C2. The World of Apps...There is an App for That!

Ana Juricic, OD 9:45-10:45 am | Salon E, F

This interactive presentation will provide a general familiarization to smartphone (iPhone) functions and apps ideal for the visually impaired/blind users.

Instruction Level: Introductory **Objectives:**

- 1. Analyze standard iPhone functions that can help the visually impaired/blind user.
- 2. Compare the top iPhone apps for the visually impaired/blind.
- 3. Identify resources available for the visually impaired/blind smartphone user.

CEUs: ACCME: 1, ACVREP: 1, AOTA: 1, COPE: 1, CRCC:1

C3. The Home Environment Lighting Assessment (HELA)

Monica Perlmutter, OTA 9:45-10:45 am | Salon B

This session will enable practitioners to understand the importance of comprehensive, objective home lighting assessment for older adults with vision loss and learn to administer a new home environment lighting measure (HELA).

Instruction Level: Intermediate Objectives:

1. Explain the relevance of lighting assessment and modifications to older adults with vision impairment.

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2. Describe the Home Environment Lighting Assessment (HELA) in terms of purpose, administration procedures and psychometric properties.

3. Evaluate videotaped lighting environments using the Home Environment Lighting Assessment (HELA).

CEUs: ACVREP: 1, AOTA: 1, CRCC:1

C4. Diabetes and Vision Loss: Filling Knowledge Gaps By Relying on Research Evidence

Deborah Gold, PhD 9:45-10:45 am | Gateway I

During the initial research phase of the project, 458 practitioners (diabetes educators, public health nurses and community health workers) participated in the survey. The survey results confirmed practitioners' knowledge gaps around diabetic retinopathy and working with patients who have vision loss. Based on research findings, and drawing from the project's advisory committee expertise in the areas of vision impairment and vision rehabilitation, we will have created, by fall 2012, a suite of lasting resources, in print and web format to enable people with diabetes and vision loss, their caregivers and diabetes educators to access comprehensive, credible information about how to self-manage their diabetes and any other complications while living with vision loss. The session will feature live demonstration of the web resources.

Instruction Level: Introductory **Objectives:**

- 1. Cite three findings of the survey for diabetes educators, nurses and others.
- 2. Define three types of information provided through this program.
- 3. Associate two connections between research results and subsequent resources.

CEUs: ACCME: 1, ACVREP: 1, AOTA: 1, CRCC:1



C5. OD-OT: A Marriage Made in Heaven? Ramanpal Deol, OD, FAAO; Wanda Smith, CLVT, OT, MA Ed 11 am-12 pm | Salon A

This presentation describes the Optometrist (OD)-Occupational Therapist (OT) team within a visual rehabilitation service in a metropolitan area. Specific roles of each discipline are discussed, highlighting the areas of expertise which offer comprehensive treatment plans for low vision therapy. Concentration is on the benefits of OT referral and, particularly, differences between patient responses and outcomes during in-office OD evaluation and in-home OT assessment. Common relationship conflicts are also discussed, with emphasis on conflict resolution to support a healthy OD-OT relationship.

Instruction Level: Introductory **Objectives:**

- 1. Explain the benefits of OT referral as part of the OD treatment plan for low vision intervention.
- 2. Describe the expertise of an occupational therapist and the components of an OT evaluation.
- 3. Implement strategies for open communication and understanding resulting in a strong OD-OT visual rehabilitation team.

CEUs: ACCME: 1, ACVREP: 1, AOTA: 1, COPE: 1, CRCC:1

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C6. Low Vision Accessibility of Small Visual Displays

William Reuschel; Ronald Schuchard, PhD; Mark Uslan 11 am-12 pm | Salon E, F

This presentation will provide: an overview of small visual display (SVD) technologies and characteristics, and how they affect low vision accessibility; a discussion of the optical laboratory used by AFB to measure SVD accessibility; the research being conducted to predict SVD usability by people with low vision; and a demonstration of the online SVD Database.

Instruction Level: Introductory **Objectives:**

- Recognize the various types of small visual display (SVD) technologies, and how the technology and display characteristics affect low vision accessibility.
- Select home medical devices and other devices with SVDs that have the highest levels of low vision accessibility.
- 3. Demonstrate use of the online SVD Database to identify the products that have the most accessible SVDs for low vision users.

CEUs: ACCME: 1, ACVREP: 1, AOTA: 1, COPE: 1, CRCC:1

C7. Return to Reading Following Homonymous Hemianopsia

Tonya Mennem, OT, CLVT 11 am-12 pm | Salon B

This presentation will review current literature on reading difficulties as a result of homonymous hemianopsia (HH), identify "normal" characteristics of reading and compare to characteristics typically found following left HH and right HH, and understand the return to reading sequence to improve re-engagement in ADLs/IADLs.

Instruction Level: Introductory **Objectives:**

1. Review evidence-based literature addressing

- homonymous hemianopsia (HH) and return to reading.
- 2. Identify reading characteristics following left and right homonymous hemianopsia.
- 3. Determine the return to reading sequence to improve re-engagement in ADLs/IADLs.

CEUs: ACCME: 1, ACVREP: 1, AOTA: 1, CRCC:1

C8. Looking Good: It's Not Beauty School

Cynthia Bachofer, TVI, CLVT 11 am-12 pm | Gateway I

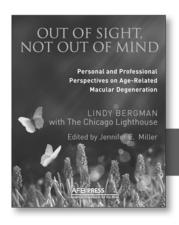
Learning the techniques needed for looking good is a life skill. Students with visual impairments often miss out on this essential component of self-esteem and success. This session describes content of TSBVI's Looking Good program, modeled on the 2009 publication Looking Good: A Curriculum on Physical Appearance and Personal Presentation for Adolescents and Young Adults with Visual Impairments (Corn. Bina & Sacks). Providing instruction gives attention to three areas of the Expanded Core Curriculum (ECC): independent living skills, social skills and self-determination. Topics covered in the three-day program include personal style, skin/hair care, healthy eating and physical fitness. The presentation summarizes research on health and fitness, factors of self-esteem and clothes shopping awareness. Discussion of the curriculum and program content also provides suggestions for individualizing the activities to student lessons.

Instruction Level: Introductory **Objectives:**

- 1. List specific issues of physical appearance and personal presentation for students with visual impairments.
- 2. Identify components of an overall Looking Good concept.
- 3. Provide examples of activities that can be modified for individual client/student needs and instructional setting.

CEUs: ACVREP: 1, AOTA: 1, CRCC:1

Thursday Sessions Envision Conference 2012



OUT OF SIGHT, NOT OUT OF MIND

Personal and Professional Perspectives on Age-Related Macular Degeneration

LINDY BERGMAN with The Chicago Lighthouse for People Who Are Blind or Visually Impaired

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information on effective service delivery. Ninety-three-year-old Lindy Bergman illustrates the ways in which life with low vision can be lived with independence, dignity, and personal satisfaction. Also included are highly informative chapters, written by the world-renowned experts from The Chicago Lighthouse for People Who are Blind or Visually Impaired, encompassing the latest information about the causes of AMD, the emotional and psychological components of vision loss, and the integration of the individual's psychological recovery into low vision service delivery.



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C9. A VA/VCE Perspective on TBI-Related Vision Impairment and Dysfunction

Felix Barker, OD; Kia Eldred, OD; Gregory Goodrich, PhD; Ronald Schuchard, PhD 1-3 pm | Salon A

TBI-related vision loss has been highlighted by troops injured in Iraq and Afghanistan. In this session we will address the types of loss, services for veterans, the coordinating role of the Vision Center of Excellence, and current research efforts relevant to evidence-based practice in veteran and civilian clinical settings.

Instruction Level: Intermediate **Objectives:**

- 1. Analyze the nature of combat and non-combat TBI-related vision loss.
- Contrast the VA and Vision Centers of Excellence mission and services and be knowledgeable of how to utilize these resources.
- 3. Determine current VA/DoD research directions and future challenges.

CEUs: ACCME: 2, ACVREP: 2, AOTA: 2, COPE: 2, CRCC: 2

C10. Assessing Vision and Vision Loss – Low Tech to High Tech

August Colenbrander, MD 1-3 pm | Salon E, F

How the eyes function is important for medical eye care. How the person functions is important for setting rehabilitation priorities and for rehabilitation plans. We will discuss how to select and interpret various assessment tools. While high tech tools have advantages, low tech tools can be very effective when used appropriately.

Instruction Level: Intermediate **Objectives:**

- 1. Describe the differences between tests that describe how the eyes function and tests that describe how the person functions.
- 2. Select and apply proper low vision tests.
- 3. Describe the relative advantages of low tech and of high tech tests.

CEUs: ACCME: 2, ACVREP: 2, AOTA: 2, COPE: 2, CRCC: 2

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C11. Bioptic Telescopes for Wheelchair Mobility: A Continuum of Evaluation and Training Tools

Erika Andersen, CLVT; Douglas Muir, ABO, COMS; Jaqueline Wolz, PT 1-3 pm | Salon B

Bioptic telescopic spectacles (BTS) provide hands-free access to the environment potentially facilitating community mobility for users with low vision of manual or power wheelchairs. This presentation addresses integration of visual skills, orientation and mobility skills, and propelling or driving skills. Participants will learn protocols for evaluating and training a continuum of skills from basic component visual skills for BTS use to integration in a dynamic, uncontrolled community environment including practices to enhance effective referral to and collaboration with multidisciplinary seating professionals. Evidence-based and best practices will be referenced throughout the presentation with identification of strength of evidence based on general consensus rating scales.

Instruction Level: Introductory **Objectives:**

- 1. State the strategies for promoting collaboration among professionals in vision rehabilitation and wheelchair mobility/seating specialists.
- 2. Identify tools to evaluate functional vision and functional wheelchair mobility.
- 3. List characteristics of potential candidates for combined use of bioptics and wheelchair mobility.

CEUs: ACCME: 2, ACVREP: 2, AOTA: 2, CRCC: 2



C12. Keeping Up: Neuro-Vision Cases

Colleen O'Donnell, OT, CLVT 1-3 pm | Gateway I

Advances in medicine and brain research demand that clinicians continue to develop expertise in neuro-vision rehabilitation. This program will present clinical approaches to frameworks, models of intervention, and specific techniques and tools. Cases involving attention, topographical orientation, memory and vestibular deficits will be discussed.

Instruction Level: Intermediate **Objectives:**

- 1. Identify the impact of advances in medicine and brain research on neuro-vision rehabilitation.
- 2. Describe the frameworks and models of intervention for neuro-vision rehabilitation.
- Describe a clinical approach to developing expertise, techniques and tools for neuro-vision rehabilitation.

CEUs: ACCME: 2, ACVREP: 2, AOTA: 2, CRCC: 2

R2. Modern Medicine: Development of Mobile Device and PC-Based Vision Testing, Assessment and Education

Moderator: Ava Bittner, OD, PhD 1-3 pm | Gateway II

1 pm – A New Method for Testing Letter Contrast Sensitivity in a Clinical Setting: Comparing M&S Smart System II Letter Contrast Test With Pelli-Robson Chart. *Manokaraananthan Chandrakumar, MSc*

1:20 pm – Handheld Shape Discrimination Hyperacuity Test on a Mobile Device for Remote Monitoring of Visual Function in Maculopathy. Yi-Zhong Wang, PhD

1:40 pm – Telerehabilitation for Artificial and Low Vision Rehabilitation. *Amy Nau. OD*

2 pm – A New PC-Based Pediatric Vision-Screening Test. *Tomohiko Yamada*, *OD*

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2:20 pm – A Survey of Smartphone Usage in Low Vision Patients. Raman Bhakhri, OD; Robert Chun, OD

2:40 pm – Calibration System for PC-Based Vision Testing. *Gislin Dagnelie*, *PhD*

Instruction Level: Intermediate **Objectives:**

- 1. Characterize how the development of remote and PC-based vision assessments is potentially addressing current practice gaps.
- 2. Analyze how telerehabilitation impacts patient/trial compliance.
- 3. Identify strategies to address and mitigate potential difficulties of use by visually impaired users.

CEUs: ACCME: 2, ACVREP: 2, AOTA: 2, COPE: PROV, CRCC: 2



C13. The Kansas Lions Statewide Low Vision Program (KanLovKids): A Delivery Model Developed by a Community of Practice

Kendall Krug, OD; Anne Nielsen, PhD 3:30-5:30 pm | Salon A

This presentation will explain how a Community of Practice approach (a continuous improvement process), made up of Lions, the Kansas State School for the Blind, Kansas Optometric Association (KOA), and selected low vision doctors, ophthalmologists, educators and early interventionists, developed a statewide model to meet the needs of children/students with low vision, from birth through age 22. This session will highlight how this model was developed, and how it is actively serving as an effective community-based outreach and referral model to serve children/students in a rural state. Participants will learn how a multidisciplinary team performs, and how the KanLovKids database is supporting the integrity of delivering high quality comprehensive statewide low vision evaluations in a low incidence population.

Instruction Level:Introductory **Objectives**:

- Characterize how a Community of Practice can collaborate to develop and refine a service community-based statewide model to provide low vision services to children/students from birth through 22 years of age.
- 2. Differentiate the roles and responsibilities within the KanLovKids multidisciplinary model to provide a comprehensive low vision evaluation in a rural state and the development of a state contract for purchasing low vision aids.
- Identify how the KanLovKids database provides an accurate, timely, and consistent record keeping system of student evaluation data, treatment plan development, and measuring student progress over time.

CEUs: ACCME: 2, ACVREP: 2, AOTA: 2, COPE: 2,

CRCC: 2

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C14. Addressing Functional Limitations of Visually Impaired Home Health Patients

Melicia Coleman, RN; Joseph Hallak, OD, PhD; Robert W. Massof, PhD 3:30-5:30 pm | Salon E, F

The home health workforce must be able to recognize functional limitations experienced by visually impaired home health patients and work together with the local eye care provider to improve the patient's functional ability and prevent adverse events. Through the presentation and discussion of cases, this course will teach home health service providers, the RN as well as the optometrists/ophthalmologists, what to look for when evaluating a patient. We will discuss how the team approach can help the patient function safely at home with the support of a trained home health provider.

Instruction Level: Introductory **Objectives:**

- Identify the most common functional limitations experienced by visually impaired home health patients.
- 2. Describe how visual impairments can increase the risk of adverse events.
- 3. Describe the role of vision enhancement and training of home health workforce in improving functional outcomes and avoiding adverse events.

CEUs: ACCME: 2, ACVREP: 2, AOTA: 2, COPE: 2,

CRCC: 2

C15. Strategies and Insights for Vision Rehabilitation

Daniel Gottlieb, OD, FAAO, FCOVD, NAP 3:30-5:30 pm | Salon B

This is a generalized 2-hour lecture on the subject of neuro-optometry, and more specifically vision rehabilitation as it pertains to those individuals who have suffered traumatic brain injury and/or post-concussive



syndrome. Insights regarding the emotional implications of loss of binocular vision to the actual loss of vision in hemianopia and "neglect" will be provided. Strategies will be presented to treat the "untreatable and permanently disabled."

Instruction Level: Introductory **Objectives:**

- 1. Appraise the challenges of our returning wounded warriors and those with poly-trauma war injuries.
- 2. Describe the challenges facing those with post concussion syndrome and persistent Post Trauma Vision Syndrome.
- 3. Apply the strategies to prescribing prism for those with vision loss from binocular vision loss to hemianopia.

CEUs: ACCME: 2, ACVREP: 2, AOTA: 2, COPE: 2,

CRCC: 2

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C16. Teaching Employability Skills to Youth and Adults With Visual Impairments

Karen Wolffe, PhD, Vocational Rehabilitation Counselor, CRC 3:30-5:30 pm | Gateway I

This workshop is designed to introduce participants to curricular tools licensed under Creative Commons for noncommercial use to use in the instruction of youth and adults with visual impairments to teach employability skills. Dr. Karen Wolffe, the primary author, will present the materials and explain the evidence supporting this methodology.

Instruction Level: Intermediate **Objectives:**

- 1. Classify the major content areas that need to be covered in an employability skills program.
- 2. Describe how to establish a structured learning environment to facilitate acquisition of employability skills by visually impaired youth and adults.
- 3. Identify the resources to support instruction of employability skills by visually impaired youth and adults.

CEUs: ACVREP: 2, AOTA: 2, CRCC: 2



R3. What Does Eye-Tracking Research Teach Us About the Use of Residual Vision?

Moderator: Olga Overbury, PhD 3:30-5:30 pm | Gateway II

3:30 pm – What Does Eye-Tracking Research Teach Us About the Use of Residual Vision? *Olga Overbury, PhD*

3:50 pm – Investigating Eye Movements During Tasks of Daily Living. *Aaron Johnson*. *PhD*

4:10 pm – Understanding the Impact of Central Field Loss on Eye-Hand Coordination. Laura Renninger, PhD

4:30 pm – Eye-Tracking on the Go: Navigation in a Shopping Mall by People With Low Vision. *Caitlin Murphy, MSc*

4:50 pm – Fundus-Guided Eye-Tracking: Advantages and Disadvantages. *William Seiple, PhD*

5:10 pm – Tracking the Learning Process Involved in Visual Rehabilitation: Use of an Eye-Tracker.

Marie-Chantal Wanet-Defalgue, PhD

Instruction Level:Intermediate **Objectives**:

- 1. Characterize standardized assessments for remaining vision and the attempt to optimize its use by the impaired individual.
- 2. Describe the contribution of eye-tracking devices to the effort to quantify the use of the remaining functional vision.
- 3. Describe these technologies and their usefulness both in the laboratory and in the rehabilitation setting.

CEUs: ACCME: 2, ACVREP: 2, AOTA: 2, COPE: PROV, CRCC: 2

Envision Conference 2012 Friday Sessions

• Friday, September 14

C17. Beyond the Amsler: Current Trends in Vision Self-Monitoring Approaches for Age-Related Macular Degeneration

Ava Bittner, OD, PhD; Gislin Dagnelie, PhD 8-9 am | Salon A

This course will review of the importance of early detection of vision changes in age-related macular degeneration (AMD), include discussion of recently developed tools for home vision monitoring for AMD, and the role of the low vision provider in fostering patient education regarding self-referrals immediately following new onset vision loss.

Instruction Level: Introductory **Objectives:**

- 1. Describe the consequences of delayed diagnosis and treatment in new onset exudative AMD patients.
- 2. Distinguish the factors that influence AMD patients' self-referral speed and help-seeking behavior after sudden vision losses.
- 3. Categorize the current tools for home vision monitoring in patients with AMD.

CEUs: ACCME: 1, ACVREP: 1, AOTA: 1, COPE: 1,

CRCC: 1

C18. Cortical Visual Impairment and Blindness, Functional Implications and Rehabilitation

Kia Eldred, OD 8-9 am | Salon E, F

The diagnosis of Cortical Visual impairment and Blindness is becoming a more common diagnosis and comes with specific implications. The presenter will discuss common findings in congenital and acquired cases of Cortical Visual Impairment and Blindness as well as strategies for rehabilitation.

Instruction Level: Intermediate **Objectives:**

1. Define Cortical Blindness and Visual Impairment

- and identify the different types of presentation of acquired vs. congenital.
- 2. Recognize the clinical findings and functional implications of cortical vision loss, as well as strategies to enhance vision.
- 3. Differentiate between less commonly seen cortical visual changes. The importance of rehabilitation and education will be emphasized for this population of patients.

CEUs: ACCME: 1, ACVREP: 1, AOTA: 1, COPE: 1,

CRCC: 1

C19. Physical Activity and Low Vision: How Do We Facilitate This Important Occupation?

Beth Barstow, OT 8-9 am | Salon B

Due to activity limitations and confounding factors associated with aging, adults with vision loss are often unable to participate in leisure-time and vigorous physical activity (PA) to support a healthy lifestyle. This presentation will discuss the significance of these issues, review the literature supporting engagement in PA for older adults with low vision and investigate the service provider's role in evaluation and intervention of this important occupation.

Instruction Level: Intermediate **Objectives:**

- 1. Restate the importance of participation in physical activity for older adults with low vision.
- 2. Restate the role of low vision service providers in facilitation of physical activity.
- 3. Describe evaluation and intervention strategies used to assess and enhance physical activity participation.

CEUs: ACCME: 1, ACVREP: 1, AOTA: 1, COPE: 1, CRCC: 1

C20. Service Needs of Older Adults With Vision Loss

Deborah Gold, PhD; Alexander Shaw, PhD 8-9 am | Gateway I

Key findings from a Canadian study of the demographics and rehabilitation requirements of 177 older adults (65+) with visual impairments will be presented and implications for service provision discussed.

Instruction Level: Intermediate **Objectives:**

- Identify several areas in which the vision rehabilitation needs of older adults with vision loss are being met and several areas in which they are not being sufficiently addressed.
- List several strategies for better meeting the vision rehabilitation needs of older adults with vision loss.
- 3. Describe two of the ways in which older adults are diverse in terms of their functioning and needs, and in terms of best practices for serving them.

CEUs: ACCME: 1, ACVREP: 1, AOTA: 1, CRCC: 1



R4. Outcomes, Difficulties and Needs. Panel I

Moderator: Laura Dreer, PhD 8-10 am | Gateway II

8 am – Determining Outcomes of Students With Visual Impairments. *Karen Wolffe, PhD, CRC*

8:20 am – Predictors of Employment Outcomes for People With Visual Impairment Who Received Disability Employment Services. *Yuh Jang, OT*

8:40 am — Quality of Life in the Elderly With Low Vision: Pre and Post Hearing and Speech Pathology's Intervention. *Mayla Myrina Bianchim Monteiro*

9 am – Difference in Health Literacy Levels in Persons With and Without Low Vision. *Mary Warren, PhD*

Instruction Level: Introductory **Objectives:**

- 1. Identify accepted outcome measures for researching clinical interventions in visually impaired patients.
- 2. Differentiate the needs posed by research between adults and children populations.
- 3. Analyze unique challenges and probable solutions in creating research models to track clinical outcomes in low vision rehabilitation.

CEUs: ACCME: 2, ACVREP: 2, AOTA: 2, COPE: PROV, CRCC: 2

C21. Your Role in Disability Assessment and Accommodation Requests

Mark Wilkinson, OD 9:15-10:15 am | Salon A

Practitioners often face a variety of difficult questions when evaluating individuals with visual impairments. Questions concerning disability determination and reasonable accommodations in the classroom, testing environment and the work place are often difficult to resolve. This audience-interactive presentation reviews the clinician's role in these assessments and offers ways to handle them.

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Instruction Level: Intermediate Objectives:

- 1. Describe reasonable accommodations as they relate to ADA and ADAAA.
- 2. Explain how reasonable accommodations can be acquired and used in the classroom, testing environment and workplace.
- ${\it 3. \ Explain their role in filling out disability forms.}$

CEUs: ACCME: 1, ACVREP: 1, AOTA: 1, COPE: 1, CRCC: 1

C22. The Face of Vision Loss – Real Life Case Presentations

Ana Juricic, OD 9:15-10:15 am | Salon E, F

This course will present real life case presentations of the benefits and vision outcomes achieved through various distance viewing, near viewing and glare controlling devices. Patients of all ages suffering from eye conditions, such as macular degeneration, Stargardt's and glaucoma, will be highlighted. Clinical pearls will be shared.

Instruction Level: Introductory **Objectives:**

- 1. Apply a clinical understanding of the help that is available through low vision aids.
- 2. Choose low vision devices based on clinical presentations.
- 3. Predict possible vision results using the low vision aids.

CEUs: ACCME: 1, ACVREP: 1, AOTA: 1, COPE: 1, CRCC: 1

C23. Visual Search Training for Hemianopsia and Visual Inattention

Lind Stevens, OTR, MS 9:15-10:15 am | Salon B

This course will look at various techniques used by occupational therapists to improve visual search in those with hemianopsia and visual inattention. Emphasis will be placed on the use of the Dynavision for assessment and treatment in order to promote critical thinking and encourage further inquiry into its use in the clinic.

Instruction Level: Introductory **Objectives:**

- Describe how various techniques can be used for assessment and treatment of hemianopsia and visual inattention.
- 2. Identify several criteria that indicate progress in scanning during client performance, directly and indirectly.
- 3. Discriminate that the Dynavision is only one tool among many, but due to its growing popularity, critical thinking and continued research is needed.

CEUs: ACCME: 1, ACVREP: 1, AOTA: 1, CRCC: 1

C24. Selecting an E-Book Reader for People With Low Vision

Ike Presley, TVI, LVT 9:15-10:15 am | Gateway I

E-book readers have become a very popular electronic tool. Users with unimpaired vision have many options from which to choose that will meet their needs. Unfortunately, many of the available e-book readers are not accessible for people with low vision. Individuals with low vision face a daunting challenge to locate a device that will provide adequate point size, fonts and contrast to ensure a successful reading experience. This presentation will provide information about the various models available and the features of each that effect their usefulness to readers with low vision.

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Instruction Level: Introductory **Objectives:**

- 1. Identify at least five different e-book readers.
- 2. List advantages and disadvantages of at least five different e-book readers.
- Identify strategies that can be used to assist individuals with low vision in selecting an accessible e-book reader.

CEUs: ACVREP: 1, AOTA: 1, CRCC: 1

C25. Driving With a Visual Impairment: Is This a Contradiction?

Mark Wilkinson, OD 10:45-11:45 am | Salon A

Concerns about whether an individual can drive with decreased central acuity or a reduced visual field can be a source of anxiety for the individual, their family and the ophthalmic practitioner. Although extensive research has been done concerning vision and driving, there is still much controversy surrounding this subject. This presentation reviews what should be considered when determining who should and should not drive. New testing procedures and case examples will be reviewed.

Instruction Level: Intermediate **Objectives:**

1. Discuss the types of individuals who wish to drive with vision loss.

2. Explain the origin of current vision requirements for driving in the US.

Discuss the Useful Field of View test and its value in evaluating individuals with cognitive loss wishing to drive.

CEUs: ACCME: 1, ACVREP: 1, AOTA: 1, COPE: 1, CRCC: 1

C26. Vision Rehabilitation Through the Lens of Primary Care

Sarah Hinkley, OD 10:45-11:45 am | Salon E, F

This course will introduce vision rehabilitation as a valid practice option, as part of a primary care practice. Myths concerning vision rehabilitation and the examination integration of rehabilitative techniques will be discussed. The course will also address coding and billing of rehabilitation examinations and making this portion of practice profitable.

Instruction Level: Introductory **Objectives:**

- 1. Discuss the advantages of adding vision rehabilitation to eye care practices.
- 2. Dispel three myths about vision rehabilitation practice.
- 3. Explain how vision rehabilitation can be profitable for a practice.

CEUs: ACCME: 1, ACVREP: 1, COPE: 1, CRCC: 1



Envision Conference 2012 Friday Sessions

C27. ABCs of Low Vision Rehabilitation in a SNF

Marilee Walker, OT 10:45-11:45 am | Salon B

This presentation demonstrates how to develop a low vision program in a skilled nursing environment. Identification of appropriate patients, testing and treatment techniques that can easily be used in a skilled nursing facility (SNF) will be highlighted. Referrals to outside sources, low cost equipment and ADL adaptations as well as marketing your low vision program to the community, will also be addressed.

Instruction Level: Introductory **Objectives:**

- 1. Identify how to establish a comprehensive low vision program in a skilled nursing facility (SNF).
- 2. Identify appropriate patients, how to evaluate and treat low vision patients in the SNF environment.
- 3. Identify strategies for marketing a low vision program to the community.

CEUs: ACVREP: 1, AOTA: 1, CRCC: 1

C28. She Reads Funny: Psychosocial Aspects of Reading With Low Vision

Cynthia Bachofer, TVI, CLVT 10:45-11:45 am | Gateway |

Students with low vision recognize that their reading style (e.g., close working distance) differs from peers and often hear remarks that point out the differences. This session presents data on reading from a dissertation study and provides a literature review of psychosocial aspects of reading with low vision. Data includes responses from 32 adult participants on optical device use, preferred reading format, and primary concerns such as reading speed and stamina. Helping students gain awareness of psychosocial factors is critical. Developing confidence in a unique reading style and having responses ready for observers' comments are two examples of possible strategies.

Instruction Level: Introductory **Objectives:**

- 1. Summarize study data on response to reading.
- 2. Identify factors that distinguish the reading style of students with low vision.
- 3. Define psychosocial aspects of the low vision reading experience.

CEUs: ACVREP: 1, AOTA: 1, CRCC: 1

R5. Outcomes, Difficulties and Needs Panel II

Moderator: Laura Dreer, PhD 10:45-11:45 am | Gateway II

10:45 am – Refinement of a Low Vision Outcome Assessment. *Theresa Marie Smith, PhD, OTR/L, CLVT*

11:05 am – CNIB 2011 Nationwide Needs Assessment Results: Older Adults. *Alexander Shaw, PhD, Deborah Gold. PhD*

11:25 am – The Lived Experience of Older Adults with Low Vision – A Phenomenological Study of Influences on Occupational Participation.

Deborah Gold. PhD

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Instruction Level: Introductory **Objectives:**

- 1. Identify accepted outcomes measures for researching clinical interventions in visually impaired patients.
- 2. Differentiate the needs posed by research between adults and children populations.
- 3. Analyze unique challenges and probable solutions in creating research models to track clinical outcomes in low vision rehabilitation.

CEUs: ACCME: 1, ACVREP: 1, AOTA: 1, CRCC: 1

Friday Sessions Envision Conference 2012

C29. Hope for Optic Neuropathy: Improved Neuro-Transmission Improves Sight

Ronald Siwoff, OD 1:15-3:15 pm | Salon A

Neuro-enhancement is produced by the use of custom prismatic spectacles, designed and prescribed by looking at visual evoked potentials (VEPs). Improved functional vision results from a decreased latency in signals traveling through the brain and not from simply finding the locus of maximum retinal sensitivity. In a study of 100 patients, the new treatment significantly improved the sight of people with a range of optic neuropathies, including primary and hereditary optic atrophy, stroke, tumor, glaucoma, head injury, optic neuropathy with and without MS, optic nerve hypoplasia, and ischemic optic neuropathy.

Instruction Level: Intermediate **Objectives:**

- Analyze historical studies and perspectives regarding neuro-processing and Visual Evoked Potential importance.
- 2. Demonstrate the affect changing the angle of the light entering the eye has on the transmission of signal through the brain.
- 3. Explain how improved neuro-transmissions results in a significant improvement in visual acuity.

CEUs: ACCME: 2, ACVREP: 2, AOTA: 2, COPE: 2,

CRCC: 2

C30. Eccentric Viewing Training Tailored to the Needs of Your Client: A Bi-Format Program for Instrumental Activities of Daily Living and for Avid Readers

Josée Duquette, MSc; Marie-Chantal Wanet-Defalque, PhD 1:15-3:15 pm | Salon E, F

The protocol and intervention material of a Canadian clinical eccentric viewing program will be presented. It is provided in two formats in order to better suit the patients' needs and capacities: a basic form for

instrumental activities of daily living, and a longer one with more advanced reading training.

Instruction Level: Intermediate **Objectives:**

- 1. Explain the training and practice principles of the eccentric viewing program.
- 2. Interpret the principles and steps of PRL estimation.
- 3. Describe the principles and steps of oculomotor, eye-hand coordination, instrumental reading and advanced reading training and practice.

CEUS: ACCME: 2, ACVREP: 2, AOTA: 2, COPE: 2,

CRCC: 2

C31. Working With Persons With Newly Acquired Monocular Vision in Occupational Therapy

Lind Stevens, OTR, MS 1:15-3:15 pm | Salon B

This presentation will address the needs of people with newly acquired monocular vision who have normal vision in the remaining eye. It will address how the occupational therapist provides services to these individuals to help them cope with and compensate for the difficulties they experience in everyday life. The role of other professionals will also be explained to allow for a comprehensive understanding of the total rehabilitation process.

Instruction Level: Introductory **Objectives:**

- 1. Describe the difficulties encountered by those with newly acquired monocular vision.
- 2. Cite the evaluation and treatment procedures used by an occupational therapist in working with this diagnosis and how other professionals contribute to the overall rehabilitation process.
- 3. Identify different ways the monocular viewer can adapt to loss of depth perception and decreased visual field in everyday life.

CEUs: ACVREP: 2, AOTA: 2, CRCC: 2

Envision Conference 2012 Friday Sessions

C32. Emergency/Disaster Preparation for All: Taking Into Consideration the Complexity of Visual Impairment

JoAnne Wright, OT, CLVT, PhD OS 1:15-3:15 pm | Gateway I

Disasters do happen! How we deal with the event depends on what we know and what we have done to prepare for the emergency, including the additional complexity because of visual impairment. This session will cover concepts and planning for personal preparedness including the added impact of visual impairment.

Instruction Level:Introductory **Objectives**:

- 1. Describe basic disaster preparedness for a variety of potential disaster situations.
- 2. Expand the knowledge and breadth of preparation to include those with some form of visual impairments, including advocacy prior to an event.
- 3. Prepare the participants to be able to create their own personal preparation plan including physical, psychosocial and emotional preparation.

CEUs: ACVREP: 2, AOTA: 2, CRCC: 2

R6. Building Design, Environmental Lighting and Optics

Moderator: Robert Massof, PhD 1:15-3:15 pm | Gateway | I

1:15 pm – Initial Stages of the Development of the Home Environment Lighting Assessment (HELA). *Monica Perlmutter, OTR/L*

1:35 pm — Improving Building Design for Persons With Low Vision. Dennis Siemsen, OD

1:55 pm – Rehabilitative Approach in Patients With Ring Scotoma: A Preliminary Study. Valeria Silvestri, Orthopist

2:15 pm – The Change in Fixation Stability Patterns
During Long Task Testing. *Marco U Morales, PhD*

2:35 pm – Can Colored LEDs Advance Low Vision Practice and Research? *Gregory Goodrich, PhD;* Peter Borden, PhD

Instruction Level: Intermediate Objectives:

- 1. Analyze how building design and environmental lighting impacts accessibility for low vision patients.
- 2. Identify common interventions that can be used to provide accessible solutions to blind and low vision patients.
- 3. Compare assessment tools when evaluating building designs and environmental lighting.

CEUs: ACVREP: 2, AOTA: 2, COPE: PROV, CRCC: 2

C33. Clinical and Research Case Studies: Illuminating Our Understanding of Complex Factors When Working With Older Adults With Low Vision

Deborah Gold, PhD; Judith Goldstein, OD; J. Vernon Odom, PhD; Joan Stelmack, OD 3:30-5:30 pm | Salon A

This engaging new approach to blending clinical pearls with research gems will present a minimum of three case studies for a mixed audience of clinicians and researchers, from either research or clinical case work. Each case will be presented by a different researcher. Benefits and risks associated with case studies will be outlined. The session will conclude with a summary presentation, highlighting the themes from all.

Instruction Level: Intermediate **Objectives:**

- 1. Describe the role a case study plays in research, as well as the role it can play in clinical work.
- 2. Detail the key standard elements required when presenting a case study.
- 3. State two ways in which a case study may illuminate aggregate data and lead to in-depth discussion useful in working with other similar patients.

CEUs: ACCME: 2, ACVREP: 2, AOTA: 2, COPE: 2, CRCC: 2

Friday Sessions Envision Conference 2012

C34. Pediatric Low Vision Management – An Optometrist's View

Susan Leat, OD, PhD 3:30-5:30 pm | Salon E, F

This course deals with the optometrist's approach in the low vision rehabilitation of children with low vision, but without other impairments. How children with low vision differ from adults is described. The main interventions are considered according to age group: infants and preschoolers, 6 to 10-year-olds and 11+ years.

Instruction Level: Introductory **Objectives:**

- Describe how children with low vision differ visually from adults.
- Classify the components of a functional visual assessment plus interventions such as refractive correction, tints and visual stimulation, in the youngest age groups.
- Distinguish the importance of an assessment for a reading addition and other optical and electronic aids and deduce the increasing demands at school and into college or university in older age groups.

CEUs: ACCME: 2, ACVREP: 2, AOTA: 2, COPE: 2,

CRCC: 2

C35. Using Contact Lens Care to Treat Vision Impairment in Adult and Pediatric Patients: A Key Component of Vision Rehabilitation

Lori L. Grover, OD, PhD 3:30-5:30 pm | Salon B

Contact lens care is often an important treatment option for adult and pediatric patient populations with visual impairment. These populations present unique challenges to the practitioner, but also provide for tremendous opportunities for the patient, including improved visual performance and quality of life, and rewards to the practitioner who effectively serves the needs of these individuals and their families. This lecture, given from the perspective of a seasoned vision



rehabilitation specialist who incorporates contact lens services routinely into the care continuum, reviews prescribing considerations for, and application of, contact lens treatment options for patients of all ages with vision loss. Clinical pearls for successful direct patient care and family involvement are highlighted, and a review of practice management and stakeholder issues is included.

Instruction Level: Introductory **Objectives:**

- 1. Recognize when contact lens care can be an important treatment option for adult and pediatric patient populations with visual impairment.
- 2. Describe prescribing considerations for, and application of, contact lens treatment options for patients of all ages with vision loss.
- 3. Identify complex practice management and stake-holder issues in prescribing contact lenses.

CEUs: ACCME: 2, ACVREP: 2, AOTA: 2, COPE: 2, CRCC: 2

Envision Conference 2012 Friday Sessions

C36. Documentation and Billing of Low Vision Rehabilitation Services

Kendall Krug, OD 3:30-5:30 pm | Gateway I

This session is a discussion of the current documentation and billing strategies for low vision rehabilitation services as required by Medicare. A special emphasis will be placed on specific billing codes and the proper documentation for both low vision consultation services and rehabilitation services for optometry and occupational therapy.

Instruction Level: Introductory **Objectives:**

- Review the necessary documentation to support and bill specialized low vision services required by CMS.
- Write a low vision rehabilitation plan and provide or refer for these services.

3. Appraise the use of self-reported Health and Quality of Life questionnaires.

CEUs: ACCME: 2, ACVREP: 2, AOTA: 2, COPE: 2,

CRCC: 2



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Saturday Sessions Envision Conference 2012

Saturday, September 15

C37. Evaluation and Treatment of the Child With Vision Impairment

Dawn DeCarlo, OD 8-10 am | Salon A

This course will cover clinical vision testing that goes beyond the basic acuity tests to fully evaluate the visual function of children with vision impairment. Common etiologies for pediatric vision impairment as well as their medical and rehabilitative treatment will be discussed.

Instruction Level: Intermediate **Objectives:**

- 1. Interpret the meaning of important clinical tests used to evaluate visual function in children.
- 2. Describe the most common causes of pediatric vision impairment.
- 3. Describe the difference between an eye health evaluation and a visual function evaluation.

CEUs: ACCME: 2, ACVREP: 2, AOTA: 2, COPE: 2, CRCC: 2

C38. Establishing a Comprehensive Vision Rehabilitation Program: A Successful Medical and Business Model

Bhavani Iyer, OD 8-10 am | Salon E, F

The aging low vision population poses a demand for comprehensive vision rehabilitation services. This course takes the attendee through the process of establishing a comprehensive vision rehabilitation program, low vision exam, documentation needs, billing, coding, integrating and writing an order for occupational therapy.

Instruction Level: Intermediate Objectives:

1. Describe the basic components of a low vision examination.

- 2. Apply appropriate patient billing and coding.
- 3. Prescribe integrating occupational therapy orders into the low vision rehabilitation plan of care.

CEUs: ACCME: 2, ACVREP: 2, AOTA: 2, COPE: 2,

CRCC: 2



C39. Driving and Visual Impairment

Lori L. Grover, OD, PhD; Kendall Krug, OD 8-10 am | Salon B

Driving with visual impairment is an important clinical and public health issue facing optometrists and their patients. This course reviews patient characteristics, clinical consideration and treatment strategies, legal and advocacy issues related to the population of patients who wish to drive who have, or are at risk for, visual impairment. A review of relevant statistical information and current research data is presented, and the role of the optometrist is discussed. Specifically, regulatory and programmatic issues relevant to Maryland drivers are highlighted.

Instruction Level: Intermediate **Objectives:**

- 1. Characterize the role of the optometrist in addressing vision and driving-related issues.
- 2. Recognize characteristics of the patient population who drive and are at risk for, or who have, visual impairment.
- Promote comprehensive clinical rehabilitation to include prescriptive treatment options and refer for patient/family counseling for driving-related issues.

CEUs: ACCME: 2, ACVREP: 2, AOTA: 2, COPE: PROV,

CRCC: 2

Envision Conference 2012 Saturday Sessions

C40. Getting to Know Your Client: How to Integrate Your Client's Cultural and Spiritual Beliefs Within the Vision Rehabilitation Process

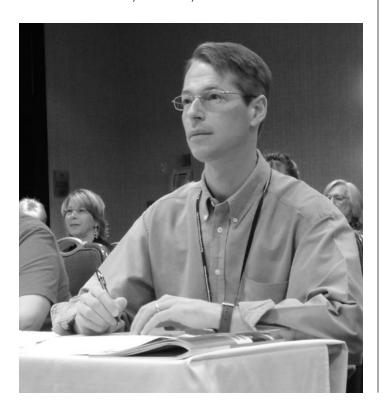
Colleen O'Donnell, OT, CLVT; Wanda Smith, OT, CLVT, MA Ed 8-10 am | Gateway I

A client's story is often expressed through cultural and spiritual beliefs and directly affects the rehabilitation process. This program will focus on how to recognize the influence of culture and spiritual beliefs. The participant will learn how to break down barriers and engage clients through their individual belief systems.

Instruction Level: Introductory **Objectives:**

- Describe the impact of culture on the vision rehabilitation process.
- 2. Interpret the impact of spiritual beliefs on the vision rehabilitation process.
- 3. Assess how to break down barriers and enhance the vision rehabilitation program by incorporating a client's culture and spiritual beliefs into the process.

CEUs: ACVREP: 2, AOTA: 2, CRCC: 2



R8. New Methods and Approaches to Low Vision Rehabilitation

Moderator: Walter Wittich, CLVT, PhD 8-10 am | Gateway II

8 am – Dual Sensory Impairment and Deafblindness: Terminology in Clinic and Research. Walter Wittich. PhD

8:20 am – Developing Traditional Chinese Characters-Version Macular Mapping Test Using Contrast-Based Thresholds Properties for Letter Discrimination. *Li-Ting Tsai, OT, PhD*

8:40 am – Evaluation of a Recently Implemented Clinical Eccentric Viewing Training Program.

Josée Duquette, MSc

9 am – Investigating the Legibility of Prescription Medicine Labels. Susan Leat, OD, PhD

9:20 am – Rehabilitative Approach With MP1-Microperimeter in Patients With Visual Field Defects Following Lesions of the Central Visual Pathways: Preliminary Results. Francesca De Rossi, MD

9:40 am – A Low Vision Rehabilitation Program for Patients With Mild Cognitive Deficits: The MORE-LVR Pilot Study. Heather Whitson, MD; Diane Whitaker. OD

Instruction Level: Introductory **Objectives:**

- 1. Evaluate the potential impact of the new low vision rehabilitation interventions.
- 2. Identify practice gaps where these new interventions can be used in patient care.
- 3. Contrast with current low vision rehabilitation models.

CEUs: ACCME: 2, ACVREP: 2, AOTA: 2, COPE: PROV, CRCC: 2

Saturday Sessions Envision Conference 2012

C41. Smart Medicine for Your Eyes

Jeffrey Anshel, OD 10:15 am-12:15 pm | Salon A

Recent research continues to discover more about how nutrition affects the visual system. Yet, chronic eye disease continues to increase as our population ages. Since few, if any of us, eat the "perfect" diet, nutritional supplements are increasingly required. Studies have shown that these supplements can be very effective. This course will discuss the science behind nutrition for healthy vision.

Instruction Level: Intermediate **Objectives:**

- 1. Suggest nutrients designed to address chronic eye disease.
- 2. Distinguish which supplements are the best to use for chronic eye disease.
- 3. Interpret labels on food to find out which foods have hidden ingredients that are detrimental to eye health.

CEUs: ACCME: 2, ACVREP: 2, AOTA: 2, COPE: 2, CRCC: 2

C42. Multi-Disciplinary Collaboration in the University-Based Low Vision Rehabilitation Practice

Ellen Bowman, TVI, COMS; Robin Deacy, OT; Dawn DeCarlo, OD 10:15-12:15 pm | Salon E, F

This presentation discusses multidisciplinary collaboration for development of a university-based low vision service. While this model is common in rehabilitation centers, it is uncommon in university-based practices, a growing resource for people needing vision rehabilitation. Coordination of services between providers as well as administration and finances will be discussed.

Instruction Level: Intermediate

Objectives:

- 1. Differentiate roles within a multidisciplinary approach to comprehensive low vision care.
- 2. Analyze different ways to successfully develop a multidisciplinary university-based practice.
- 3. Identify strategies for a successful transition and collaboration of services to meet the needs of patients with low vision.

CEUs: ACCME: 2, ACVREP: 2, AOTA: 2, COPE: 2,

CRCC: 2

C43. What I Know Now – and Still Need to Know – That I Didn't Know Before About Vision Impairment and Rehabilitation

Lori L.Grover, OD, PhD 10:15 am-12:15 pm | Salon B

This course reviews the evolving language and classification of visual impairment, and its remediation with vision rehabilitation (VR), in order to effectively position VR into the health care continuum for maximum patient access and benefit. A review of current public health surveys on vision impairment and vision rehabilitation's effectiveness will be presented: what they tell us and what they don't tell us and how translational research has the potential to effect clinical practice gaps and rehabilitation outcomes. Conceptual models of patient access to vision rehabilitation and a vision rehabilitation care continuum are offered.

Instruction Level: Intermediate **Objectives:**

- 1. Analyze current public health vision surveillance surveys.
- 2. Characterize the evolving language descriptions of visual impairment and vision rehabilitation.
- 3. Identify current evidence gaps in vision rehabilitation potential and outcomes.

CEUs: ACCME: 2, ACVREP: 2, AOTA: 2, COPE: 2,

CRCC: 2

Envision Conference 2012 Saturday Sessions

C44. Distance Viewing & Magnification: O&M and Low Vision Therapy Approaches

Erika Andersen, CLVT; Michelle Robinson, COMS 10:15 am-12:15 pm | Gateway I

Distance magnification is less frequently prescribed than near magnification. This presentation addresses orientation and mobility (O&M) and low vision therapy training (LVT) to promote successful access to information in the distance. Participants will learn protocols for evaluating and training a continuum of skills including visual and non-visual skills, positive response to distance magnification and integration of skills in the community. O&M techniques that may be adapted for non-O&M specialists will be addressed as well as opportunities for interdisciplinary collaboration.

Instruction Level: Intermediate **Objectives:**

- 1. Characterize the difference between distance magnification and near magnification viewing tasks.
- 2. Describe the evaluating and training protocols for visual and non-visual skills response to distance magnification.
- 3. Adapt orientation and mobility techniques into distance magnification rehabilitation skills.

CEUs: ACCME: 2, ACVREP: 2, AOTA: 2, CRCC: 2

R9. Mobility Issues

Moderator: Shirin Hassan, OD, PhD 10:15 am-12:15 pm | Gateway II

10:15 am – Street-Crossing Decision-Making: A Comparison Between Patients With Age-Related Macular Degeneration and Normal Vision. Shirin Hassan, OD, PhD

10:35 am – Do the Roles of Vision and Hearing Impact Time-to-Arrival Judgments Differently For Each Gender? JulieAnne Roper, OD

10:55 am – Evaluating the Miniguide, a Hand-Held Ultrasonic Mobility Aid. *Aminat Adebiyi*

11:15 am – On-Road Driving Performance of Drivers Who Use Bioptic Telescopes. *Jennifer Elgin, OT*

Instruction Level: Intermediate Objectives:

- 1. Describe unique mobility challenges to people with vision loss or blindness.
- 2. Compare the outcomes of recent mobility and wayfinding research.
- 3. Identify appropriate mobility aids for patients with vision loss.

CEUs: ACCME: 2, ACVREP: 2, AOTA: 2, COPE: 2, CRCC: 2

C45. What's Working for a Contact-Telescopic Prescription: From Bicycling to Bioptic Driving

Daniel Gottlieb, OD, FAAO, FCOVD, NAP; Ike Presley, TVI, CLVT 1:30-2:30 pm | Salon A

Individuals with vision impairment that wish to obtain a drivers license may benefit from bicycling as a form of training. Cycling can help develop the skills necessary for future driving while offering other benefits for low vision patients. Cycling challenges for the patient with low vision may be overcome with a contact-telescopic system prescription. The decision to recommend contact-telescopic prescription is complex. The perspectives of both the patient and the doctor will be presented.

Instruction Level: Introductory **Objectives:**

- 1. Recognize the similarities between cycling and driving skills.
- 2. Identify the challenges that face the visually impaired cyclist.
- 3. Determine when contact-telescopic prescription is appropriate to overcome challenges for the visually impaired cyclist/driver.

CEUs: ACCME: 1, ACVREP: 1, AOTA: 1, COPE: 1,

CRCC: 1

Saturday Sessions Envision Conference 2012

C46. The Importance of Multi-Disciplinary Care in Low Vision Rehabilitation: Benefits to Patient Care vs. the Challenge in Implementation

Tara LeBlanc, OD, OT 1:30-2:30 pm | Salon E, F

This presentation describes various models of low vision rehabilitation and the members that are included in the rehabilitation team and the roles and goals of each. This will be demonstrated by case examples of a patient in each setting type. The advantages and barriers to patient care will be discussed for each model of practice. Also, for each practice modality described, challenges in implementing true multi-disciplinary care will be discussed.

Instruction Level:Introductory **Objectives**:

- 1. Discuss why multi-disciplinary low vision rehabilitation is so important for the best and most complete patient care.
- 2. Differentiate various current models of low vision rehabilitation and describe the service delivery of each.
- Compare the advantages of each model with barriers of implementing care in each setting and discuss why one service model has not been found universally effective.

CEUs: ACCME: 1, ACVREP: 1, AOTA: 1, COPE: 1, CRCC: 1

R10. Research on Reading Tests for Vision Rehabilitation

Moderator: Donald Fletcher, MD 1:30-3:30 pm | Gateway II

1:30 pm – Evaluation of a French Acuity Test: M'EYE READ™ . *Anne Catherine Scherlen, PhD*

1:50 pm – Using a Sandardized Random Word Chart vs. Regular Text Improves the Assessment of Reading Performance. *Manfred MacKeben, PhD*

2:10 pm – Word Recognition With Varied Visual Noise Levels in the Laser Scanning Digital Camera Stimulator. *Elli Kollbaum*, *OD*

2:30 pm – Mixed Contrast Measurement. *August Colenbrander, MD*

2:50 pm — Luminance in Acuity and Reading Performance of Low Vision Patients. *Donald Fletcher, MD*

Instruction Level: Intermediate **Objectives:**

- 1. Compare and contrast the efficacy of patient reading tests for vision rehabilitation.
- 2. Analyze reading test outcomes.
- 3. Apply appropriate reading tests in recommending vision rehabilitation strategies.

CEUs: ACCME: 2, ACVREP: 2, AOTA: 2 COPE: PROV, CRCC: 2

C47. Recovering Visual Fields Where You Thought it Was Impossible

Bob Edwards, OD 2:45-3:45 pm | Salon A

Learn how to use a simple, cost-effective program to greatly increase the field recovery of your patients with visual field loss from stroke, TBI and brain surgery. Use of immediate intervention at the first visit will be shown. Four years of clinical examples and evidence will be reviewed.

Instruction Level: Introductory **Objectives:**

- 1. Neutralize a visual perceptual midline shift and begin immediate therapy.
- 2. Outline and discuss a program for visual field recovery with your patient.
- 3. Describe a new approach to field recovery.

CEUs: ACCME: 1, ACVREP: 1, AOTA: 1, COPE: 1, CRCC: 1

Envision Conference 2012 Saturday Sessions

C48. Acquired Brain Injury and Vision Rehabilitation

Melissa Zarn, OD 2:45-3:45 pm | Salon B

This lecture will discuss the "who, what, why, where and how" of acquired brain injury. Signs and symptoms will be discussed. A treatment approach that includes vision rehabilitation will be offered. Cases highlighting the various aspects of treatment will be presented.

Instruction Level: Introductory **Objectives:**

- 1. Describe the signs, symptoms and epidemiology of acquired brain injury.
- 2. Characterize the treatment sequence to maximize the rehabilitative process.
- 3. Summarize case examples that demonstrate the breadth of issues encountered and treatment required.

CEUs: ACCME: 1, ACVREP: 1, AOTA: 1, COPE: 1,

CRCC: 1

C49. Standing Orders for Low Vision Rehabilitation Services: A Solution to Ensure Referrals for Low Vision Rehabilitation Services

Shirley Anderson, OTR/L, SCLV, CLVT; Kelly Singleton, OD, MS 4-5 pm | Salon A

Low vision rehabilitation services are an essential, but often overlooked, component in the continuum of eye care. This presentation will provide a process that was devised to identify, develop and implement a Standing Order Consultation policy that addresses the needs of the low vision patients in a more timely fashion. Templates of effective scheduling and tracking of these standing order consults for low vision rehabilitation in the electronic medical records (Medflow) will be demonstrated.

Instruction Level: Intermediate **Objectives:**

- 1. Identify factors that need to be considered prior to the development of a standing order policy for low vision rehabilitation services.
- 2. Choose the process required for the initiation of a standing order protocol for low vision rehabilitation services.
- 3. Determine the basic components and steps needed to pursue a standing order policy for low vision rehabilitation services.

CEUs: ACCME: 1, ACVREP: 1, AOTA: 1, COPE: 1,

CRCC: 1

C50. Utilizing Assessment Tools to Guide Everyday Practice for the Low Vision Specialist

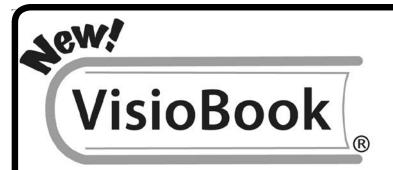
Karla Sternberg, OT, CLVT 4-5 pm | Salon B

This presentation is designed as an introductory course for the low vision specialist and will identify assessment tools, intervention strategies, and outcome measures that can be utilized daily in low vision practice to provide comprehensive services to older adults with low vision.

Instruction Level: Introductory **Objectives:**

- 1. Review effective low vision rehabilitation assessment tools that can be utilized to guide daily practice.
- Describe the utilization and implementation of standardized assessment tools in low vision evaluation and application to functional performance and outcome measures.
- Provide non-optical intervention strategies based on results of assessment tools to promote functional and meaningful participation in daily activities.

CEUs: ACCME: 1, ACVREP: 1, AOTA: 1, CRCC: 1





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SPEAKER NAME	SESSION NUMBER
Tara LeBlanc, OD, OT	C46
Manfred MacKeben, PhD	R10
Robert Massof, PhD	C14, R6
Tonya Mennem, OT, CLVT	C7
Andra Mies, COTA	W4
Marco Morales	R6
Douglas Muir, ABO, COMS	C11
Caitlin Murphy, MSc	R3
Amy Nau, OD	R2
Anne Nielsen, PhD	C13
Colleen O'Donnell, OT, CLVT	W6, C12, C40
J. Vernon Odom, PhD	W8, C33
Olga Overbury, PhD	R3
William Park, OD	W8
Monica Perlmutter, COTA	C3, R6
Ike Presley, TVI, CLVT	W5, C24, C45
Laura Renninger, PhD	R3
William Reuschel	C6
Michelle Robinson, COMS	C44
JulieAnne Roper	R9
Anne Catherine Scherlen, PhD	R10
Ronald Schuchard, PhD	C6, C9
William Seiple, PhD	R3
Alexander Shaw, PhD	C20, R5
Dennis Siemsen, OD	W5, R6
Valeria Silvestri, Orthoptist	R6

SPEAKER NAME	SESSION NUMBER
Kelly Singleton, OD, MS	C49
Ronald Siwoff, OD	C29
Theresa Marie Smith, PhD, OTF	R/L, CLVT R5
Wanda Smith, OT, CLVT, MA Ed	C5, C40
Debra Sokol-McKay, MS, OTR/I CVRT, CDE, CLVT	L, SCLV, W7
Joan Stelmack, OD	C33
Karla Sternberg, OT, CLVT	C50
Lind Stevens, OTR, MS	C23, C31
Li-Ting Tsai, OT, CVRT, PhD	R8
Mark Uslan	C6
Marilee Walker, OTR/L, SCLV	C27
Marie-Chantal Wanet-Defalque,	PhD R3, C30
Yi-Zhong Wang, PhD	R2
Mary Warren, OT, PhD P	lenary Session, R4
Diane Whitaker, OD	W3, R8
Heather Whitson, MD	R8
Mark Wilkinson, OD	C1, C21, C25
Walter Wittich, CLVT, PhD	R8
Karen Wolffe, PhD	C16, R4
Jaqueline Wolz, PT	C11
JoAnne Wright, OT, CLVT, PhD	C32
Tomohiko Yamada, OD	R2
Melissa Zarn, OD	C48

Envision Conference 2012 Exhibitors



The following exhibiting companies are listed alphabetically.

All exhibits are located in the Arch View Ballroom and Arch View Foyer.

See the Exhibit Hall Floor Plan on page 50 for booth locations.

Exhibit Hours: Thursday, 12-8 pm *and* Friday, 7 am-1:15 pm

Academy for Certification of Vision Rehabilitation and Education Professionals

www.acvrep.org

Booth 13

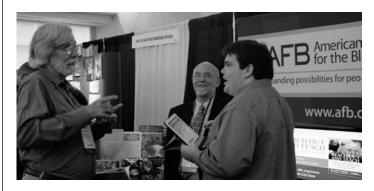
The Academy for Certification of Vision Rehabilitation and Education Professionals (ACVREP) is committed to quality certification programs that meet rigorous recognized standards. The Academy is a member of the National Organization for Competency Assurance (NOCA) and strives to conduct its certification programs according to the standards established by the National Commission for Certifying Agencies (NCCA).



Ai Squared

www.aisquared.com
Booth 6

Ai Squared is a worldwide leader in screen magnification and reading for the visually impaired. Learn about ZoomText 10, featuring integrated support for HD webcams as CCTVs, recording text to audio, background reading, and new standards in web navigation. Grab a free trial plus check out our other products.



American Foundation for the Blind

www.afb.org

Premium Booth 30

The American Foundation for the Blind (www.afb.

org) broadens access to technology; elevates the quality of information and tools for the professionals who serve people with vision loss; and promotes independent and healthy living for people with vision loss by providing them and their families with relevant and timely resources.

American Macular Degeneration Foundation

www.macular.org

Booth 1

The American Macular Degeneration Foundation works for the prevention, treatment, and cure of macular degeneration by raising public awareness and knowledge about the disease, providing support for those afflicted and their families, and supporting scientific research. Educational DVDs, Newsletter and cookbook, *Feast for the Eyes*TM.

American Printing House for the Blind

www.aph.org Booth 4, 5

Founded in 1858, **APH** is the world's largest company devoted solely to making products for people who are visually impaired, and is the official supplier of educational materials for blind students in the U.S. Visit our website at www.aph.org or call one of our friendly Customer Service representatives at **800-223-1839** for more information.

Beecher Optical Products, Inc.

Booth 16

Beecher Optical Products, Inc. has been in the low vision market for 25 years. We manufacture head-born telescopic aids for the visually impaired market. These aids are designed in many magnifications – near-viewing for computer work or hobbies, and distant-viewing at sporting events or watching television.

Chadwick Optical, Inc.

www.chadwickoptical.com Booth 9

- All New Cool Rx-able wrap frames for light sensitivity and high power prescriptions.
- Baby/Toddler and Kids specs.
- Showcasing our incredible Lens Museum.



- Custom prescription eyeglass solutions for the legally blind: Prescription Medical Filters and Custom lenses available nowhere else!
- Prismatic Spectacles and Microscopics: stock and customized.

We make the impossible happen.

Designs for Vision, Inc.

Booth 2

Designs for Vision, Inc. is a manufacturer of Low Vision devices for the partially sighted. Recently added to our product line is our reverse mount trial set featuring field expanding telescopes and our 1.7X Full Diameter bioptic telescope offering all the benefits of a wide-angle telescope in the bioptic position. We offer ClearImageII® and Prismatic spectacles for near viewing, Bioptic, Full Diameter and the Politzer Telescope Series for distance viewing and Spiral Telescopes for multi-tasking. Rebate program available for all diagnostic fitting kits.

Filex

www.ellex.com
Premium Booth 29

Ellex provides a comprehensive range of laser and imaging products for the diagnosis and treatment of cataract, glaucoma and retinal conditions, including

Envision Conference 2012 Exhibitors

our own Ellex brand of premium laser and ultrasound systems. Our diagnostic imaging line just expanded with the introduction of the MAIA[™] – Macular Integrity Assessment device for measuring retinal function and the DRS[™] – Digital Retinography System, a nonmydriatic fundus camera.

En-Vision America

www.envisionamerica.com
Booth 24

I.D. mate Quest offers the latest in audible identification and information access via bar codes, internet accessibility, Skype video and photo recognition. ScripTalk Station Talking Prescription Labels provide a safe, private and independent way for the blind and visually impaired to manage prescription medications. This free service is now available from Walmart Pharmacy.

Enhanced Vision

www.enhancedvision.com Booth 18

Enhanced Vision is the leading developer of innovative products designed specifically for people who are legally blind, have macular degeneration, or other low vision conditions. Our company offers the most comprehensive line of electronic magnifying solutions for low vision individuals. For more information, please call (888) 811-3161 or visit www.enhancedvision.com.

Eschenbach Optik

Booth 3

Eschenbach is a leading manufacturer and distributor of magnifiers (hand-held, stand, spectacle), telescopes, filters, and video magnifiers for the visually impaired. Our exclusive Portable Kit is ideal for rehab professionals and includes a diagnostic assortment of vision aids and in-service training by our sales professionals nationwide.

Freedom Scientific

www.FreedomScientific.com
Booth 14

Freedom Scientific is the largest worldwide manufacturer of assistive technology products for those that are low vision, blind, or learning disabled. Visit us at booth #14 − we'll showcase our latest technology including new High Definition TOPAZ video magnifiers; the SARA™ CE Scanning and Reading Appliance; the PEARL® Portable Reading Camera that works with OpenBook® and also with WYNN™ 6 literacy software; plus the latest developments in JAWS® screen reading software and Braille displays.



Fresnel Prism and Lens Co.

www.fresnel-prism.com Booth 19

The **Fresnel Prism & Lens Co.** offers products used to treat and diagnose Strabismus, Amblyopia and Diplopia. Familiar products are 3M Press-On™ Optics, Lang Stereotests, Bangerter Occlusion Foils and MYI Occlusion Patches. New items are: the Fresnel Lens Cleaning Kit, light-weight Trial Frames sets and new Fixation Sticks & Occluder.

Exhibitors Envision Conference 2012



Good-Lite

www.good-lite.com

Booth 11

Good-Lite offers a complete range of vision testing products, including the new self-calibrating ETDRS Standardized Viewer, Cortical Visual assessment, LEA Symbols® and LEA Numbers®, high and low contrast and low vision testing. These items and many more will be on display at Envision Conference 2012.

Hemianopia.org

www.hemianopia.org

Booth 10

Optical Aids, Prisms and Filters for Brain Injury, Featuring The Peli Lens™

- Expands visual field up to 30 degrees
- Aids in obstacle avoidance and mobility
- 74% patient acceptance rate in NEI-NIH funded clinical trials

International Association of Audio Information Services (IAAIS)

www.iaais.org

Booth 23

A membership organization of audio information services providing readings of periodicals for people who are blind, have low vision, or have another disability that prevents them from reading.

M&S Technologies, Inc.

www.mstech-eyes.com

Booth 8

NEW RELEASE SMART SYSTEM® 12, Manufacturer of the Smart System® 2020 computerized vision testing, contrast sensitivity, video system. Includes Validated Contrast Sensitivity Testing with charting and subject results comparison to normative data; glare testing; low vision; DVD play; ETDRS Charts; Integration to EyeMotion\Eyemaginations patient education systems. Interface with Marco and Topcon auto-phoroptor systems.

Ocutech, Inc.

www.ocutech.com

Booth 15

Ocutech is the developer of the VES Bioptic Telescope Systems. Ocutech's VES Systems have been used by thousands of visually impaired individuals throughout the world. VES Systems provide crisp, bright images with a wide field of view. These systems are cosmetically appealing and technologically superior. For more information, visit www.ocutech.com.

Optelec

www.Optelec.com Booth 25, 26

Optelec sets the standard with Optical Magnifiers, Video Magnification and Text-to-Speech devices. Eyes for You and Magnified Vision are the Authorized Envision Conference 2012 Exhibitors

Dealers in Missouri and Illinois. Optelec's **ShopLowVision.com** division carries Daily Living Aids, Professional Optical Products and more. See us about free demos/trials, lifetime support and excellent reseller/referral programs!

Precision Vision

www.Precision-Vision.com
Premium Booth 28

Precision Vision consistently works with the leading authorities and researchers in the vision testing industry due to their ability to produce the highest quality vision testing tools, from pediatric eye charts to low vision testing tools. Precision Vision is also a leading distributor of Schweizer and Multilens Low Vision products.

Prodesign Denmark

www.prodesigndenmark.com Booth 27

ProDesign is a Danish company that was established in 1973. It is known for its clean Danish designs, with a twist of something unexpected in each style. ProDesign is committed to benefiting its customers by recognizing and showcasing leading trends, supplying prompt deliveries, and utilizing an efficient inventory management system.

Sight Enhancement Systems, Inc.

www.sightenhancement.com Booth 22

Sight Enhancement Systems designs/manufactures innovative assistive devices for people with low vision for home, school and work including accessible scientific calculators, portable near and distance camera systems. SESI's revolutionary FLICK Camera is the first fully motorized, immersive camera system using touch screen, keyboard or mouse for distance and reading tasks.

UAB Graduate Certificate in Low Vision Rehabilitation

www.uab.edu/lowvision
Booth 21

The **UAB Department of Occupational Therapy** offers an online graduate certificate for occupational therapists to develop clinical expertise and competence in providing vision rehabilitation. Students complete five 3-credit hour graduate credit courses on evaluation and intervention for adults with vision impairment from age-related eye disease and brain injury.

VisionCare Ophthalmic Technologies

www.visioncareinc.net Booth 12

VisionCare has developed the first FDA-approved telescope prosthesis demonstrated to improve vision and quality of life in individuals with end-stage AMD. The telescope implant is integral to the CentraSight™ treatment program which has been created to help patients follow the necessary steps for proper diagnosis, surgical evaluation, and postoperative care.

Xtreme Optics

xtremeopticsinc.com Booth 17

Wholesale optical, specialty work slab off, low vision rekindle system. 35 years experience.



Exhibitor Booth Map Envision Conference 2012



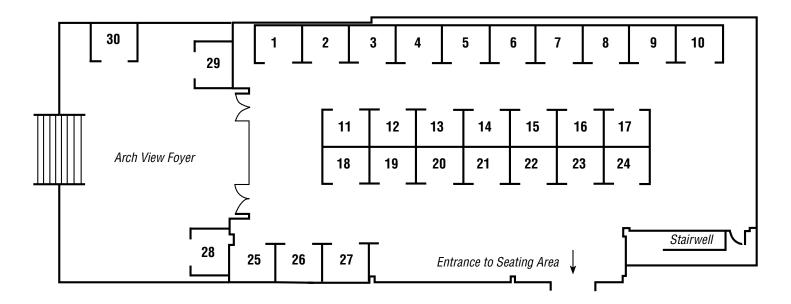
- 1. American Macular Degeneration Foundation
- **2.** Designs for Vision, Inc.
- 3. Eschenbach Optik
- 4. & 5. American Printing House for the Blind
 - 6. Ai Squared
 - 7. Jasper Ridge
 - **8.** M&S Technologies, Inc.
 - 9. Chadwick Optical, Inc.
 - 10. Hemianopia.org
 - 11. Good-Lite
 - **12.** VisionCare Ophthalmic Technologies
 - 13. ACVREP
 - 14. Freedom Scientific
 - **15.** Ocutech, Inc.
 - **16.** Beecher Optical Products, Inc.
 - 17. Xtreme Optics
 - **18.** Enhanced Vision

- **19.** Fresnel Prism and Lens Co.
- **20**.
- 21. UAB Graduate Certificate in Low Vision Rehabilitation
- 22. Sight Enhancement Systems, Inc.
- **23.** IAAIS
- 24. En-Vision America
- 25. & 26. Optelec
 - 27. Prodesign Denmark

Premium Booths in Arch View Foyer

- 28. Precision Vision
- **29.** Ellex
- **30.** American Foundation for the Blind

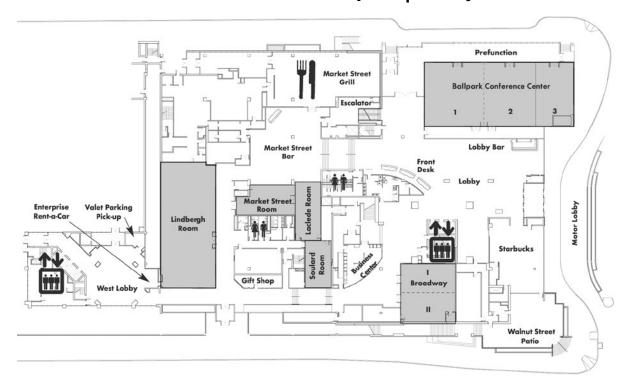
ARCH VIEW BALLROOM



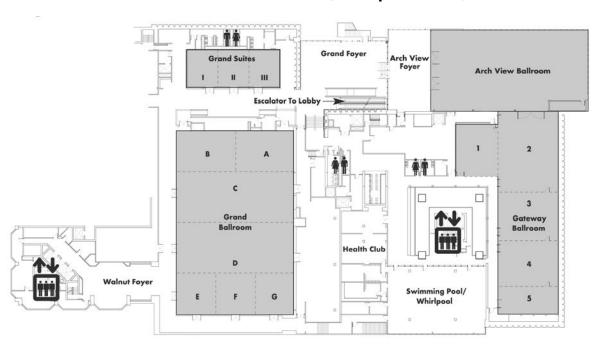


Meeting Room Floor Plans

↓ Hilton St. Louis at the Ballpark | Lobby Level



↓ Hilton St. Louis at the Ballpark | Meeting Rooms







Envision University is an American Occupational Therapy Association (AOTA)
Approved Provider. The assignment of AOTA CEUs does not imply
endorsement of specific course content, products, or clinical procedures by AOTA.

Envision University is a COPE-approved administrator/provider of CE events.

Continuing Education Accrediting Agencies

- Council on Optometric Practitioner Education (COPE), Association of Regulatory Boards of Optometry (ARBO) Partial COPE Approval
- Accreditation Council for Continuing Medical Education (ACCME)
- Academy for Certification of Vision Rehabilitation and Education Professionals (ACVREP)
- The Commission on Rehabilitation Counselor Certification (CRCC)
- American Occupational Therapy Association (AOTA)



Continuing Education Objectives

Envision Conference 2012 plenary and concurrent sessions enable participants to:

- Describe the most current clinical practices in low vision rehabilitation.
- Recommend appropriate patients who could benefit from low vision rehabilitation.
- Recognize the multi-disciplinary nature of professionals involved in the continuum of care of patients.
- Assess the potential of patients for maximizing functional vision through low vision rehabilitation.
- Select appropriate resources and adaptive strategies for patients with permanent vision loss.
- Recognize practice gaps in current standards of care.

All participants are required to have their badge scanned in each session attended. Continuing education credit will be prorated according to documented attendance. Session evaluations are provided for each session. It is the attendee's responsibility to complete and return an evaluation at the end of each session attended in order to receive continuing education credit.

A certificate of participation will be available at the registration desk. Continuing Education Certificates of documented attendance can be downloaded online at www.envisionconference.org by October 4, 2012. Each attendee will receive an email notification once certificates are available online. You will be required to enter your name and registration or badge number in order to download your certificate.

This activity is for scientific and educational purposes only and will not promote any specific proprietary business interest of a commercial interest. The Accredited Provider is responsible for all decisions regarding the identification of educational needs, determination of education objectives, selection and presentation of content, selection of all persons and organizations that will be in a position to control the content of the CE/CEU or CME/CNE, selection of education methods, and the evaluation of the activity.

Envision Conference 2012 Continuing Education

Physicians: This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the University of Kansas Medical Center Office of Continuing Medical Education and Envision. The University of Kansas Medical Center Office of Continuing Medical Education is accredited by the ACCME to provide continuing medical education for physicians.

The KU Medical Center Office of Continuing Medical Education designates this live activity for a maximum of 26 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



Continuing Education Committee

- Michael Epp, MS, Director, Professional Education, Envision Foundation
- Kevin Houston, OD, FAAO, Instructor in Ophthalmology, Schepens Eye Research Institute, Boston, MA
- Linda Lawrence, MD, Private Practice, Salina, KS
- Anne Riddering, OTR/L, CLVT, COMS, Henry Ford Center for Low Vision Rehab & Research, Livonia, MI
- Debra A. Sokol-McKay, MS, OTR, CDE, SCLV, CLVT, CVRT, Consultant - Private Practitioner
- Marla Sutton, MS, Senior Program Manager, Continuing Education, University of Kansas Medical Center

WEDNESD	AY WORKS	HOPS				FRIDAY SI	ESSIONS co	nt.			
IUMBER	ACCME	ACVREP	AOTA	COPE	CRCC	NUMBER	ACCME	ACVREP	AOTA	COPE	CRCC
V1	3	3	3	3	3	C23	1	1	1		1
N2	3	3	3		3	C24		1	1		1
N3	3	3	3	3	3	C25	1	1	1	1	1
N4		3	3		3	C26	1	1		1	1
W5	3	3	3	3	3	C27		1	1		1
W6	3	3	3		3	C28		1	1		1
W7		3	3		3	C29	2	2	2	2	2
N8	3	3	3	3	3	C30	2	2	2	2	2
						C31		2	2		2
THURSDA	Y SESSIONS	3				C32		2	2		2
NUMBER	ACCME	ACVREP	AOTA	COPE	CRCC	C33	2	2	2	2	2
Plenary	1	1	1	1	1	C34	2	2	2	2	2
C1	1	1	1	1	1	C35	2	2	2	2	2
C2	1	1	1	1	1	C36	2	2	2	2	2
C3		1	1		1	R4	2	2	2	PROV	2
C4	1	1	1		1	R5	1	1	1	PROV	1
C5	1	1	1	1	1	R6		2	2	PROV	2
C6	1	1	1	1	1						
C7	1	1	1		1	SATURDA	Y SESSIONS	}			
C8		1	1		1	NUMBER	ACCME	ACVREP	AOTA	COPE	CRCC
C9	2	2	2	2	2	C37	2	2	2	2	2
C10	2	2	2	2	2	C38	2	2	2	2	2
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C12 C13 C14 C15 C16 R2 R3 FRIDAY SI NUMBER C17	2 2 2 2 2 2 ESSIONS ACCME	2 2 2 2 2 2 2 2 2 2 4 ACVREP	2 2 2 2 2 2 2 2 2 1	2 2 PROV PROV	2 2 2 2 2 2 2 2 2 CRCC	C40 C41 C42 C43 C44 C45 C46 C47 C48 C49 C50	2 2 2 2 1 1 1 1 1	2 2 2 2 2 1 1 1 1 1	2 2 2 2 2 1 1 1 1 1 1	2 2 2 1 1 1 1 1	2 2 2 2 2 1 1 1 1 1
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Attendee Resources Envision Conference 2012



ATM

An ATM is located in the main lobby.

Business Center

The Hilton St. Louis at the Ballpark Business Center offers complimentary high-speed internet for guests, as well as free printing.

Complimentary Food and Beverage

Complimentary food and beverage is provided throughout the conference with registration.

Continental Breakfast (with registration)

Wednesday, 8-9 am; Thursday-Saturday, 7-8 am

Coffee Break (with registration)

Wednesday: 10:30-10:45 am, 2:30-2:45 pm

Thursday: 9:30-9:45 am, 3-3:30 pm Friday: 10:15-10:45 am, 3:15-3:30 pm Saturday: 10-10:15 am, 3:45-4 pm

Welcome Reception (with registration, drink

tickets required) Thursday, 5:30-8 pm

Buffet Lunch (with registration, ticket required)

Friday, 11:45 am-1:15 pm

Envision University Launch Party

(with registration) Friday, 5:30-7:30 pm

Dining Options at the Hilton St. Louis at the Ballpark

Imo's Pizza

Casual | Pizzeria

Open daily from 11 am to 11 pm.

Market Street Bistro and Bar

Casual | American Cuisine
Open daily from 6:30 am to 10 pm.

Starbucks Coffee

Casual | Coffee
Open daily from 6 am to 9 pm.

Mike Shannon's

Business Casual | Steak and Seafood Open Monday-Friday from 11 am to 11 pm; open Saturday and Sunday from 5 to 11 pm.

Yo My Goodness

Casual | Frozen Yogurt

Open daily from 6:30 am to 9 pm.

Lobby Bar

Casual | Drinks and Bar Fare

Open Monday-Saturday from 4 pm to midnight.

Three Sixty Rooftop Bar

Indoor/Outdoor Lounge and Bar Open Monday-Thursday from 3 pm to 1 am; open Friday and Saturday from 3 pm to 2 am; open Sunday from 3 to 11 pm.

In Room Dining

Available daily from 6 am to midnight.

Guest Registration

Guest registration is for a family member or guest of an attendee over the age of 17. Guest registration includes access to the exhibit hall and admission to the Welcome Reception and Envision University Launch Party. Registered guests may purchase tickets separately for the plenary session for \$60 and the Friday Buffet Lunch for \$50.

Internet Access

The Hilton St. Louis at the Ballpark Business Center offers complimentary high-speed internet. In addition, an Internet Café is located in the main lobby as well as the Grand Foyer. Internet is also available in all guest rooms.

Lost and Found

Lost and found is located at the registration desk in the Grand Foyer.

Message Center

Messages for attendees can be left and retrieved at the conference registration desk.

Parking Information

Self-parking is available for \$18/day and valet is available for \$25/day.

Presenters

All presenters should check in with the registration desk staff upon arrival at the hotel, at least one hour in advance of their scheduled presentation time. Your presenter's packet will contain information about your specific presentation including time and location, setup instructions and audio-visual support.

A **Speaker Ready Room** is available in Suite II. Upon check-in at the conference registration desk, please make your way to the Speaker Ready Room to ensure we have the most recent version of your presentation.

The Speaker Ready Room will be open during the following times:

Tuesday	3-6 pm
Wednesday	8 am-6 pm
Thursday	7 am-5:30 pm
Friday	7 am-5:30 pm
Saturday	7 am-4 pm

Registration Desk

The Envision Conference 2012 registration desk, located in the Grand Foyer, is open during the following hours:

Tuesday	3-6 pm
Wednesday	8 am-6 pm
Thursday	7 am-5:30 pm
Friday	7 am-5:30 pm
Saturday	7 am-5 pm

Meet Me in St. Louis!

St. Louis offers more free major attractions for the entire family than any place outside the nation's capital. The city is filled with trendy shops, charming neighborhoods, exceptional arts, as well as many historical, cultural and entertaining family attractions and top-notch restaurants. St. Louis has it all. If you have trouble deciding where to go and what to do, visit the Concierge Desk.

Entertainment and Attractions

Busch Stadium	1 block S
Kiener Plaza	1 block W
Old Court House	1 block W
Gateway Arch	2 blocks E
City Center	0.03 miles SW
Eugene Field House and Toy Museum	0.04 miles E
Scottrade Center	0.2 miles W
City Garden	0.2 miles
Edward Jones Dome	0.4 miles N
Intl. Bowling Museum	0.4 miles S
Laclede's Landing	0.4 miles S
St. Louis Convention Center	0.4 miles N
Union Station	0.9 miles W
City Museum	1 mile W
Anheuser-Busch Brewery	2 miles
St. Louis Art Museum	5 miles W
St. Louis Science Center	5 miles W
St. Louis Zoo	5 miles W
St. Louis Childrens Museum	12 miles W
Grant's Farm	12.1 miles S
Six Flags St. Louis	25 miles SW

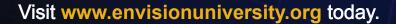
Envision Conference 2012

Notes

INTRODUCING ENVISION UNIVERSITY

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