

Continuing Education

The Envision Conference is an excellent way to receive optimum continuing education credits in one location. Throughout the four-day conference, you can choose from multiple sessions, customizing your conference experience with education that is meaningful to you. Volunteers are stationed at the door of each session, ready to scan the barcode on your badge so you do not have to track continuing education hours yourself. You can download and print your continuing education certificate after October 15, 2012 at www.envisionconference.org.

Each session may be approved by one or more of the following agencies: ACCME, ACVREP, AOTA, COPE, CRCC. Ensure each session you plan to attend is approved by the appropriate organization by referring to the conference program.

Target Audience

Low vision therapists, medical doctors, nurses, occupational therapists, optometrists, teachers of the visually impaired, vision research scientists and vision rehabilitation professionals

Objectives

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.

Additional objectives for each educational session are listed in the conference program and at www.envisionconference.org.

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 educational 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, CME/CNE, selection of educational methods, and the evaluation of the activity.

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 27 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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).

Continuing Education Committee:

- **Marla Sutton**, Senior Program Manager, Continuing Education, Kansas University Medical Center
- **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

Registration Information

Register online at www.envisionconference.org.

Registration Fees	By 6/29	After 6/29	Onsite
Regular	\$475	\$575	\$625
Student	\$225	\$250	\$260
Guest	\$100	\$100	\$100
One-day Pass	\$275	\$275	\$275
Pre-conference Workshops	\$100/ea.	\$100/ea.	\$100/ea.

If you have questions about onsite registration for the Envision Conference or would like to change your workshops once you have pre-registered, please contact Erika Turner at **(316) 440-1529** or erika.turner@envisionus.com.

Registration Refunds

A cancellation fee will be deducted from refunded registrations: \$15 for students and guests, \$40 for all others. The deadline for cancelling and receiving a refund, minus the processing fee, is August 6, 2012. No refunds will be issued after this date. Registration refund requests must be in writing. Email your refund request using the Contact Us form at www.envisionconference.org, or mail your refund request to:
Envision Conference
Attn: Diana Griblin
610 N. Main, 4th Floor
Wichita, KS 67203

Plan Your Trip

Envision Conference 2012 will return to St. Louis, the “Gateway to the West.” 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. If you would like more detailed information about what to see and do in St. Louis, please visit www.explorestlouis.com.

Transportation: Lambert-St. Louis International Airport is a short 15-minute drive from the Hilton St. Louis at the Ballpark. Information on ground travel transportation to the hotel – including shuttle, taxi and bus transportation – can be found by visiting the Lambert-St. Louis International Airport website, www.lambert-stlouis.com.

Hotel: The Hilton St. Louis at the Ball Park, the site of Envision Conference 2012, is offering a discounted group rate of \$139 per night conference attendees. Reservations can be made by calling **(877) 845-7354** or online via the meeting link at www.envisionconference.org. When calling, make sure to say you are with the group Envision Conference. Please book your room early; this rate is only valid until August 17, 2012 or when the Envision block of rooms sells out, whichever comes first.



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“Excellence in Education”

www.envisionconference.org

September 12-15, 2012
Hilton St. Louis at the Ballpark
St. Louis, Missouri

A multi-disciplinary low vision rehabilitation and research conference

CONFERENCE 2012



About the Envision Conference

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.

We hope you join us in our mission to improve the quality of low vision care through excellence in professional education, advocacy, research and education.

Meet Your Host

Envision is a non-profit organization based in Wichita, Kansas, dedicated to serving individuals who are blind or low vision through employment, vision

rehabilitation and public and professional education. Learn more at www.envisionus.com.

Benefits of Attending

- Earn valuable continuing education credits while increasing your knowledge and skill set for career enhancement with practical up-to-date educational sessions.
- Access the latest low vision products and services in the exhibition hall.
- Network with colleagues and industry representatives.
- Grow personally and professionally.

“Excellence in Education” Keynote Address



Mary Warren, PhD, 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. Her research has been published in the *American Journal of Occupational Therapy* and she has contributed chapters to several rehabilitation textbooks including *Occupational Therapy: Practice Skills for Physical Dysfunction*. She is also the author of the *Brain Injury Visual Perceptual Battery for Adults*. Warren is a 2010 recipient of the UAB President’s Award for Excellence in Teaching.

Schedule Overview

Tuesday, September 11	
3-6 pm	Registration Open
Wednesday, September 12	
8 am-6 pm	Registration Open
8-9 am	Continental Breakfast
9 am-4 pm	Pre-conference Workshops
10:30-10:45 am	Morning Coffee Break
2:30-2:45 pm	Afternoon Coffee Break
4-6 pm	Pre-conference Research Roundtable
Thursday, September 13	
7 am-5:30 pm	Registration Open
7-8 am	Continental Breakfast
8-9:30 am	“Excellence in Education” Plenary Session
9:30-9:45 am	Morning Coffee Break
9:45 am-5:30 pm	Concurrent Sessions
12-8 pm	Exhibit Hall Open
3-3:30 pm	Afternoon Coffee Break in Exhibit Hall
5:30-8 pm	Welcome Reception in Exhibit Hall
Friday, September 14	
7 am-5:30 pm	Registration Open
7 am-1:15 pm	Exhibit Hall Open
7-8 am	Continental Breakfast
8 am-5:30 pm	Concurrent Sessions
10:15-10:45 am	Morning Coffee Break in Exhibit Hall
11:45 am-1:15 pm	Buffet Lunch in Exhibit Hall
3:15-3:30 pm	Afternoon Coffee Break
Saturday, September 15	
7 am-5 pm	Registration Open
7-8 am	Continental Breakfast
8 am-5 pm	Concurrent Sessions
10-10:15 am	Morning Coffee Break
3:45-4 pm	Afternoon Coffee Break

Pre-conference Workshops

Pre-conference workshops are not included in your conference registration and cost \$100 each.

Wednesday, September 12 9 am-12 pm

Addressing the Psychosocial Impact of Vision Loss
Diane B. Whitaker, OD
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.

Treating Older Adults With Dual Sensory Impairment *Jean-Pierre Gagné, PhD*
This 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.

1-4 pm
Just in Time – News About the Aging Brain: How It Works; How We Can Work With It
Colleen O'Donnell, OTR/L, CLVT
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.

Kitchen Skills 101: Envisioning Independence
Debra Sokol-McKay, MS, OTR/L, SCLV, CVRT, CDE, CLVT
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.

Visit www.envisionconference.org to review the complete list of workshops

Program Highlights

A VA/VCE Perspective on TBI-Related Vision Impairment and Dysfunction
Gregory Goodrich, PhD; Felix Barker, OD; Kia Eldred, OD; Ronald Schuchard, PhD
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.

Bioptic Telescopes for Wheelchair Mobility: A Continuum of Evaluation & Training Tools
Erika Andersen, CLVT; Shannon Kessler, OD; Douglas Muir, ABO, COMS; Jaqueline Wolz, PT
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.

Beyond the Amsler: Current Trends in Vision Self-Monitoring Approaches for Age-Related Macular Degeneration
Ava Bittner, OD, PhD; Gislin Dagnelie, PhD
This course will review the importance of early detection of vision changes in age-related macular degeneration (AMD), including 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 of vision loss.

Modern Medicine: Development of Mobile Device and PC-Based Vision Testing, Assessment and Education
Moderator: Ava Bittner, OD, PhD
This panel includes research presentations on:
■ 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. *Manokaraanathan Chandrakumar, MSc*
■ Handheld Shape Discrimination Hyperacuity Test on a Mobile Device for Remote Monitoring of Visual Function in Maculopathy. *Yi-Zhong Wang, PhD*
■ Telerehabilitation for Artificial and Low Vision Rehabilitation. *Amy Nau, OD*
■ A New PC-Based Pediatric Vision-Screening Test. *Tomohiko Yamada, OD*
■ A Survey of Smartphone Usage in Low Vision Patients. *Raman Bhakhri, OD*
■ Calibration System for PC-Based Vision Testing. *Gislin Dagnelie, PhD*

What Does Eye-Tracking Research Teach Us About the Use of Residual Vision?
Moderator: Olga Overbury, PhD
This panel includes research presentations on:
■ Investigating Eye Movements During Tasks of Daily Living. *Aaron Johnson, PhD*
■ Understanding the Impact of Central Field Loss on Eye-Hand Coordination. *Laura Renninger, PhD*
■ Eye-Tracking on the Go: Navigation in a Shopping Mall by People With Low Vision. *Caitlin Murphy, MSc*
■ Fundus-Guided Eye Tracking: Advantages and Disadvantages. *William Seiple, PhD*
■ Tracking the Learning Process Involved in Visual Rehabilitation: Use of an Eye-Tracker. *Marie-Chantal Wanet-Defalque, PhD*

New Methods and Approaches to LV Rehabilitation. *Moderator, Walter Wittich, PhD*
This panel includes research presentations on:
■ Dual Sensory Impairment and Deafblindness:

Driving With a Visual Impairment: Is This a Contradiction? *Mark Wilkinson, OD*
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.

Visual Search Training for Hemianopsia and Visual Inattention *Lind Stevens, OTR*
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.

Evaluation and Treatment of the Child With Vision Impairment *Dawn DeCarlo, OD*
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.

The Importance of Multi-Disciplinary Care in Low Vision Rehabilitation: Benefits to Patient Care vs. The Challenge in Implementation
Tara LeBlanc, OD, OT
This presentation describes various models of low vision rehabilitation and the team 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.

Vision Research Highlights

Terminology in Clinic and Research.
Walter Wittich, PhD
■ Developing Traditional Chinese Characters-Version Macular Mapping Test Using Contrast-Based Thresholds Properties for Letter Discrimination. *Li-Ting Tsai, OT, PhD*
■ Evaluation of a Recently Implemented Clinical Eccentric Viewing Training Program. *Josée Duquette*
■ Investigating the Legibility of Prescription Medicine Labels. *Susan Leat, OD, PhD*
■ Rehabilitative Approach With MP1-Microperimeter in Patients With Visual Field Defects Following Lesions of the Central Visual Pathways: Preliminary Results. *Francesca De Rossi, MD*
■ A Low Vision Rehabilitation Program for Patients With Mild Cognitive Deficits: The MORE-LVR Pilot Study. *Heather Whitson, MD; Diane Witaker, OD*

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

Visit www.envisionconference.org to review the complete program.