

A multidisciplinary low vision rehabilitation & research conference by ENVISION UNIVERSITY

**September 9-12, 2015** 

**Grand Hyatt Denver | Denver, Colorado** 

www.envisionconference.org

**SPONSORED BY** 



GIMBAL



To improve the quality of life and provide inspiration for the blind and visually impaired through employment, outreach, rehabilitation, education and research.

www.envisionus.com









present an evening of music and conversation with **Blessing Offor** (NBC's The Voice) and **Brooke Fox** (Singer/Songwriter and President, Visionary Media).

# Friday, September 11, 2015 6 – 8 PM

Blessing Offor - from playing multiple instruments, to singing, to writing his own songs, 25-year-old Blessing Offor wants to do it all, and he wants to do it all well. Blessing is a Pop/Soul Singer/Songwriter born in Nigeria who moved to the US at a young age before losing his sight completely at age 10.

Brooke Fox - is an award winning Brooklyn-based vocalist, pop songwriter, theatrical composer, lyricist, and international performance artist. A Northern California native and graduate of Berklee College of Music's songwriting program, Brooke has performed her brand of acoustic pop in 23 states and 6 countries. Her music has been heard on ABC, NPR and her second self-produced record, "Breathe The Same Air" is a "CDBaby Best Seller". Brooke was born with Albinism, but that hasn't kept her from stepping on a lighted stage.



Visionary Media is a 501(c)(3) nonprofit providing resources, training and opportunity to musicians who are blind or visually impaired.



Envision has been tireless in its efforts to improve the *quality of life* and provide *inspiration* for the blind and visually impaired through employment, outreach, rehabilitation, education and research.

# **EMPLOYMENT**

Our visually impaired employees realize the power of perseverance while asserting their independence. With positions in manufacturing, retail, customer service and management, Envision employees prove daily that people who are blind or low vision can do anything they set their hearts and minds to accomplish. More than 200 employees who are blind or low vision are making a difference for themselves and their communities.

**OUTREACH** 

Besides employees and patients, other individuals with vision loss participate in one or more of Envision's support groups. These support groups are dedicated to seniors, children, and parents of children who are blind or low vision. Envision provides opportunities for youth to enjoy summer camp, art instruction, sporting activities, homework assistance, social events and more.

# REHABILITATION

Thousands of blind and low vision individuals have been significantly impacted by the Envision Vision Rehabilitation Center. Working in partnership with optometrists and ophthalmologists, our licensed and certified low vision professionals work alongside patients of all ages to teach new ways of doing everyday tasks. Low vision rehabilitation trains the patient how to maximize their remaining functional vision.

# **EDUCATION**

sion's mission is public and professional education. Our public
education spectrum includes
public service announcements,
outreach, seminars, education resource guides, assistive
technology camp for children and
much more. The Envision Conference, a national multidisciplinary low
vision rehabilitation and research conference brings vision professionals from various
fields and numerous countries together to provide
professional education opportunities for low vision

An important component of Envi-

# RESEARCH

professionals.

Research is a critical component of the mission of Envision. In 2014, Envision launched the Envision Research Institute and is committed to engaging in research that addresses practical issues in the clinical treatment and rehabilitation of persons who have low vision or blindness. Improving outcomes and closing practice gaps in low vision rehabilitation not only educates and informs, but also serves to address a larger plan and mission promoted by the National Eye Institute.

www.envisionus.com



# **About Envision Conference**



Envision Conference is a highly regarded conference where dissemination of best practices, cutting edge research and implementation of low vision techniques is provided to vision health care professionals. Nearly 14 million Americans are estimated to suffer from some form of visual

impairment, one of the top ten most prevalent





### **Envision Conference 2015**

a multidisciplinary low vision rehabilitation and research conference dedicated to improving the quality of low vision care through professional collaboration, advocacy, research and education. Envision is the only organization to host a conference that focuses only on low vision and vision impairment for all aspects of eye health care and is offered on a global

### **About Envision University | Table of Contents**

scale. There are other conferences in existence that focus on contact lenses, corrective lenses, blindness or vision in general, but Envision Conference's unique focus on low vision in a multidisciplinary manner has earned it the reputation as the national leader in providing continuing education opportunities for professionals who work in the low vision field.

# ENVISION UNIVERSITY ANNOUNCES Www.envisionuniversity.org Launching in December, 2015 Envision Conference Event Platform Single Sign-On for All Envision Education Online Video Courses Learning Management System – Track all your continuing education credits Live Events Visibility Articles

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# **Envision Oculus Award**

For nearly a century, **The Hadley School for the Blind** has transformed the lives of people who are blind or visually impaired around the world by providing tuition-free, accessible distance education.



The Hadley School for the Blind

Whether it's a senior diagnosed with macular degeneration who wants to live at home, a blinded veteran looking for employment, a parent who needs to advocate for his or her blind child, a student looking to graduate from high school or an individual who wants to learn braille, people turn to Hadley for the skills and resources they want and need to be independent.

As Hadley celebrates its 95th anniversary in 2015, it is broadly recognized as a global leader in distance education for people with vision loss and their support networks, serving nearly 10,000 students each year from more than 100 countries. To this day, Hadley remains the largest educator of braille worldwide with 14 courses and 15 faculty members dedicated to teaching braille reading and writing, while taking the lead in educating both sighted and tactile learners alike in Unified English Braille (UEB).

Hadley makes a difference each and every day through five unique programs: Adult Continuing Education, High School, Family Education, Professional Studies and Low Vision Focus, the newest program designed to address the ever-increasing number of adults with age-related low vision. All students receive personalized, one-on-one instruction from dedicated faculty and staff — no matter where they live, no matter where they are in their life of learning.

Hadley's Forsythe Center for Employment and Entrepreneurship and Blinded Veterans Initiative, both launched in 2011, promote the organization and its offerings to targeted audiences. Seminars@Hadley, the school's free webinars which discuss a wide variety of vision-related topics, and its popular iFocus videos on YouTube, which address the accessibility features of iOS devices, also are helping to expand the organization's reach.

Through its mission to promote independent living through lifelong learning, Hadley helps individuals with vision loss be competent and confident at home, at work and in daily life and remain contributing members of their family and community.



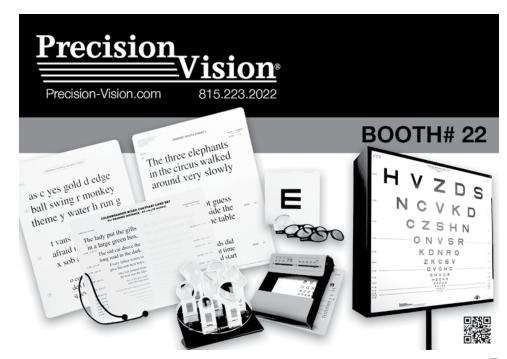
# **Envision Award in Low Vision Research**



Robert W. Massof, PhD, is founder and Director of the Lions Vision Research and Rehabilitation Center, a division of the Johns Hopkins Wilmer Eye Institute. He also serves as Professor of Ophthalmology and Professor of Neuroscience at the Johns Hopkins University School of Medicine, and has joint appointments in Computer Science at the Johns Hopkins University Whiting School of Engineering and at the Johns Hopkins University Applied Physics Laboratory. He received his Ph.D. in Physiological Optics from Indiana University in 1975. Dr. Massof's research interests include clinical and basic vision psychophysics, physiological

optics, sensory engineering, and psychometrics. His work has been supported by grants from the National Eye Institute, the National Institute on Aging, the National Science Foundation, the National Aeronautics and Space Administration, the VA Rehabilitation Research and Development Service, the Multiple District 22 Lions Vision Research Foundation, and several different corporations and private foundations. Dr. Massof is a Fellow of the Optical Society of America and has served on the Society's Board of Directors. He also is a Fellow of the American Academy

of Optometry and a member of several other professional societies. He has authored more than 160 published scientific papers and book chapters, edited a book on low vision policy and service delivery issues, and holds five patents and three software copyrights on instruments that he developed.



Stop by the Eschenbach booth (#10) at the 2015 Envision Conference to see our newest products including the MagniLink Zip as well as our popular SmartLux Digital!



### MagniLink Zip

- Full HD system: (1920x1080 resolution)
- 13" or 17" monitor
- Folds down to 4"
- Built in distance camera



### **SmartLux Digital**

- 5" LCD TFT screen
- Auto shut-off
- Reading & writing modes
- Simple to use only 3 buttons



Better Vision. Better Life.

Toll-free (800) 487-5389 www.eschenbach.com

# Jasper Ridge

# LuxIQ/2™ Exam System: a clinic changer



Measure and prescribe task lighting and filters

www.jasperridge.net, booth #2

# **Schedule Overview**

# Wednesday | September 9

# 12-5 pm

- Registration Open
   Maroon Peak (2nd Floor)
- Speaker Ready Room Open Mt. Wilson (3rd Floor)

### 3-4 pm

Conference Sessions
 See Schedule-at-a-Glance (3rd Floor)

### 4:10-6:10 pm

• Research Keynote
Mt. Columbia (3rd Floor)

# Thursday | September 10

# 6:30 am-5 pm

- Registration Open
  Maroon Peak (2nd Floor)
- Speaker Ready Room Open Mt. Wilson (3rd Floor)

# 6:30-7:30 am

Continental Breakfast
 Mt. Sopris Foyer (1st Floor)

## 7:30-9:30 am

 Welcome, Awards and Plenary Session

Mt. Sopris (1st Floor)

# 9:45 am-5:30 pm

• Conference Sessions
See Schedule-at-a-Glance (3rd Floor)

# 12-1 pm

• Lunch with Gimbal, Inc. Mt. Sopris (1st Floor)

### 3-8 pm

• Exhibit Hall Open - Colorado Ballroom and Foyer (2nd Floor)

### 3-3:30 pm

 Coffee Break - Colorado Ballroom and Foyer (2nd Floor)

# 5:30-8 pm

Welcome Reception
 Colorado Ballroom and Foyer (2nd Floor)

# Friday | September 11

### 6:30 am-5 pm

Registration Open
 Maroon Peak (2nd Floor)

• Speaker Ready Room Open Mt. Wilson (3rd Floor)

# 7 am-1:15 pm

 Exhibit Hall Open - Colorado Ballroom and Foyer (2nd Floor)

### 6:30-7:30 am

 Continental Breakfast Colorado Ballroom and Foyer (2nd Floor)

# 7:30 am-5:30 pm

• Conference Sessions
See Schedule-at-a-Glance (3rd Floor)

# 9:45-10:15 am

Coffee Break
 Colorado Ballroom and Foyer
 (2nd Floor)

# 11:15 am-1 pm

Buffet Lunch
 Colorado Ballroom and Foyer
 (2nd Floor)

# 1-2 pm

 Inspirational Keynote Mt. Sopris (1st Floor)

# 3:15-3:30 pm

• Coffee Break- 3rd Floor Foyer

### 5:30 pm

Envision Conference Social
 Colorado Ballroom and Foyer (2nd Floor)

# 6-8 pm

• 10th Anniversary Celebration Colorado Ballroom and Foyer (2nd Floor)

# Saturday | September 12

### 6:30 -10 am

Registration Open
 Maroon Peak (2nd Floor)

 Speaker Ready Room Open Mt. Wilson (3rd Floor)

### 6:30-7:30 am

• Continental Breakfast - 3rd Floor Foyer

### 7:30 am-Noon

• Conference Sessions
See Schedule-at-a-Glance (3rd Floor)

### 9:45-10 am

• Coffee Break - 3rd Floor Foyer





### **Continuing Education Evaluation**

**Envision Conference 2015** September 9 - September 12, 2015 Grand Hyatt Denver, Denver, CO

This document serves as a sample evaluation so you know what you will be evaluating for each session. Evaluations must be completed online for you to obtain credit and a certificate for each session. You can access evaluations 30 minutes after a session has ended. To fill out evaluations online, you can access them by going to the conference website:

http://www.envisionconference.org/SessionEvaluations.

Once at the site, log into your account on the Continuing Education page with your name and badge number or registration number.

		You will be a when the cor							
Course	content								
1.	Did the speakers address the intended ob	jectives?	Excellent	Good	Average	Belo	w Avera	age Poo	or
2.	Was the speaker effective? (Did he/she ask open-ended questions; lis accurate, timely, and new information, arknowledgeable, and focused on the topic	nd engage you			-				
	SPEAKER 1		Excellent	Good	Average	Belo	w Avera	age Poo	or
	SPEAKER 2		Excellent	Good	Average	Belo	w Avera	age Poo	or
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Transf	OBJECTIVE 1  OBJECTIVE 2  OBJECTIVE 3  erability of information	Agree C = De	o not agree	D = St	rongly di A A A	B C B C	D E		

Patient compliance	Technical suppo	ort		
Availability of resources	Lack of an effec	tive team		
Not enough information to make a choice	Lack of time to i	•	_	
Costs	Lack of time to		ients effe	ectively
Systems-based regulations and protocol	No barriers pred			
Practice-management issues	Other (please sp	ecity)		
Content integrity				
Evidence-based: All the recommendations involving clinical me professionals must be based on evidence that is accepted within the their indications and contraindications in the care of patients. (Adapt	e profession of medicine or nur	sing as adeo		
7. For clinical presentations, did the course provide evic	lence-based information?	Yes	No	N/A
If you answered no, please specify what specifically lacked acc	eptable evidence.			
materials must promote improvements or quality in healthcare ar	na not a specific proprietary b	usiness intei	rest or a	commercic
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# Wednesday, September 9

Noon - 6 pm	
Registration Open	Maroon Peak (2nd Floor)
Speaker Ready Room Open  For full course descriptions, go to www.envisionconference.org	Mt. Wilson (3rd Floor)
3 - 4 pm	
C1: Cortical Visual Impairment Intervention: How Low Vision Adults Can Benefit from Non-Traditional Methods  Angela Ryan, OTR/L, CLVT; Maggie Edmunds, MSW, CLVT	Mt. Princeton
C2: Vision Rehabilitation and Glaucoma  August Colenbrander, MD	Mt. Yale
C3: From Smartphones, Tablets and Apps: What's New and What You Need to Know. Ana Juricic, OD	Mt. Oxford
C4: Memory or Reasoning Enhanced Low Vision Rehab (MORE-LVR): A Practical Approach to Low Vision Device Training Fay Tripp, MS, OTR/L, CDRS	Mt. Harvard
R1: The Role and Importance of the Periphery of the Visual Field  Manfred MacKeben, PhD	Mt. Columbia (3rd Floor)
4:10 - 6:10 pm	
RESEARCH KEYNOTE: Scientifically Valid and Clinically Meaningful Measures of the Effectiveness of Low Vision Rehabilitation Robert Massof, PhD	Mt. Columbia (3rd Floor)
Thursday, September 10	
6:30 am - 5 pm	
Registration Open	Maroon Peak (2nd Floor)
Speaker Ready Room Open	Mt. Wilson (3rd Floor)

# Thursday, September 10 (continued)

indisday, ochtember to (continued)	
6:30 - 7:30 am  Continental Breakfast	Mt. Sopris (1st Floor)
7:30 - 9:30 am	
Welcome, Awards; PLENARY KEYNOTE: How are Sports and Recreation Crucial to Rehabilitation Blindness • Jeanne Derber, OD; Matt Simpson	Mt. Sopris (1st Floor)
9:45 - 10:45 am	
C5: Low Vision Rehabilitation Update: New and Innovative 2015 Rebecca Coakley, MA, CLVT; Terry Schwartz, MD Kelly Lusk, PhD, CLVT	Mt. Princeton
C6: Acquired Monocular Blindness: Low Vision or Not?  Lauren Hoffman, OD; Maggie Edmunds, MSW, CLVT	Mt. Yale
C7: Vision Impairment, Its Effect on Social Skills and Social Behavior: What parents say • Carolyn Palmer, PhD	Mt. Oxford
C8: Clinical Research on the Occupational Lives of Individuals with Visual Impairment • Julie Nastasi, ScD, OTD, OTR/L, SCLV, FAOTA	Mt. Harvard
<b>R2: Research: Measuring Function in Low Vision</b> (9:45 - 11:45 am) David Lewerenz, OD; Manfred MacKeben, PhD; Donald Fletcher, MD; Tiffany Chan, OD, FAAO; Robert Massof, PhD	Mt. Columbia
11 am - Noon	
C9: Test Design & Characteristics of the New ACVREP Examination for Certification for Low Vision Therapists  Marshall Flax, MS, CLVT, COMS; Orli Weisser-Pike, OT, LVT  Stephen Whittaker, PhD, OT, CLVT	Mt. Princeton
C10: Wearable TechnologyWhat's all the Touch, See, Feel All About • Ana Juricic, OD	Mt. Yale
C11: It's Eye Time: Instruction in Eye Anatomy and Implications of Eye Conditions • Cynthia Bachofer, PhD, TVI	Mt. Oxford

# Thursday, September 10 (continued)

11 am - Noon	
C12: Electromagnetic Radiation: Its Effect on the Eye and Vision Loss • Patrick Yoshinaga, OD, MPH, FAAO	Mt. Harvard
Noon - 1 pm	
Lunch with Gimbal, Inc.  For full course descriptions, go to www.envisionconference.org	Mt. Sopris (1st Floor)
	M. D.
C13: Decoding Medicare's PQRS  Deann Bayerl, MS, OTR/L, SCLV	Mt. Princeton
C14: Documentation and Billing of Vision Rehabilitation Services  Kendall Krug, OD	Mt. Yale
C15: Meeting of the Minds: Importance of OD and OT Collaboration Tiffany Chan, OD, FAAO; Kristen Lindeman, OT	Mt. Oxford
C16: Making Dreaded Conversations Better: Driving Decisions for Older Drivers with Low Vision  Erika Andersen, MEd, CLVT; Hellen Carreras, MS, OTR/L, DRS	Mt. Harvard
C17: Effects of Loss of an Eye on Visual Performance and Quality of Life • J. Vernon Odom, PhD	Mt. Columbia
3 - 8 pm	
Exhibit Hall Open	Colorado Ballroom and Foyer <i>(2nd Floor)</i>
3 - 3:30 pm	
Coffee Break	Colorado Ballroom and Foyer (2nd Floor)
3:30 - 5:30 pm	
C18: Fall Prevention in the Low Vision Population Using Matter of Balance Course  Cori Layton, OTR/L, SCLV; Denny Moyer, COTA, SCLV	Mt. Princeton

# Thursday, September 10 (continued)

That day, doptombol To (commuca)	
3:30 - 5:30 pm	
C19: The Science Behind Assessing and Recommending  Task Lighting • Peter Borden, PhD	Mt. Yale
C20: Task Analysis in Vision Rehab – The Foundation Colleen O'Donnell, MSA, OTR/L, CLVT	Mt. Oxford
C21: Taking the Risk Out of Prescribing Bioptic Telescopes Henry Greene, OD	Mt. Harvard
R3: Research: Enhancing Activities of Daily Living Stacy Smallfield, OTD, OTR/L; Elliott Morrice, MAc; Shannon Riley, PhDc; Aaron Johnson, PhD; Walter Wittich, PhD; Laura Walker, PhD	Mt. Columbia
5:30 - 8 pm	
Welcome Reception	Colorado Ballroom and Foyer <i>(2nd Floor)</i>
Friday, September 11	
6:30 am - 5 pm	
Registration Open	Maroon Peak (2nd Floor)
Speaker Ready Room Open	Mt.Wilson <i>(3rd Floor)</i>
6:30 - 7:30 am	
Continental Breakfast	Colorado Ballroom and Foyer <i>(2nd Floor)</i>
7 am - 1:15 pm	
Exhibit Hall Open	Colorado Ballroom and Foyer <i>(2nd Floor)</i>

# Friday, September 11 (continued)

7:30 - 8:30 am	
C22: Low Vision Rehabilitation Network, LOVRNET  James Deremeik, CLVT	Mt. Princeton
C23: Stroke, Transient Ischemic Attack and Migraine Visual Field Loss: Interpreting Descriptions through a Patient Perspective Denise Valenti, OD	Mt. Yale
C24: Clinical Pearls in the Doctor's Low Vision Evaluation  Donald Fletcher, MD	Mt. Oxford
C25: Can't See, Can't Read – What about Sugar?  Connie Kleinbeck, RN, MSN, CDE	Mt. Harvard
8:45 - 9:45 am	
C26: Professional Success: Overcoming the Challenges of Low Vision in Academia  Regena Stevens-Ratchford, PhD, OTR/L, BCG, FAOTA	Mt. Princeton
C27: In the Middle: Helping Visually Impaired Patients with their Mid-range Needs • David Lewerenz, OD	Mt. Yale
C28: Vision Requirements for Driving in the United Sates: A Review of Important Considerations from State Licensing Agencies • Patrick Yoshinaga, OD, MPH, FAAO	Mt. Oxford
C29: Occlusion Therapy for Low Vision Rehabilitation Kendall Krug, OD	Mt. Harvard
R4: Research: Neurons and Rehabilitation (8:45-11:15 am)  Ava Bittner, OD, PhD; Denise Valenti, OD;  Rebecca Kammer, OD, PhD; Laura Walker, PhD	Mt. Columbia
9:45 - 10:15 am	
Coffee Break  For full course descriptions, go to  www.envisionconference.org	Colorado Ballroom and Foyer (2nd Floor)

# Friday, September 11 (continued)

10:15 - 11:15 am	
C30: A Practical Guide to Evidence-Based Practice for Low Vision Rehabilitation • Stephen Whittaker, PhD, OT, CLVT	Mt. Princeton
C31: The Technical and Clinical Challenges in Developing Assistive Technology for Low Vision • Bryan Wolynski, OD	Mt. Yale
C32: Crowding: Basic Research Findings and Implications for Clinicians • Aaron Johnson, PhD	Mt. Oxford
C33: What Can the Visual Evoked Potential (VEP) Test Tell Us for Rehabilitation • J. Vernon Odom, PhD	Mt. Harvard
11:15 am- 1 pm	
Buffet Lunch	Colorado Ballroom and Foyer <i>(2nd Floor)</i>
1 - 2 pm	
INSPIRATIONAL KEYNOTE: Risk-taking, Resiliency and Reaching Out • Larry Johnson, MA, PHR	Mt. Sopris
	Mt. Sopris
Reaching Out • Larry Johnson, MA, PHR	Mt. Sopris Mt. Princeton
Reaching Out • Larry Johnson, MA, PHR  2:15 - 3:15 pm  C34: ReVIVE! Recreation for Visually Impaired Individuals:	
Reaching Out • Larry Johnson, MA, PHR  2:15 - 3:15 pm  C34: ReVIVE! Recreation for Visually Impaired Individuals: Vitality and Embodiment • Dana Draa, MA, COMS, CRC  C35: Enhance Visual Processing for the Child with Cerebral Palsy	Mt. Princeton
Reaching Out • Larry Johnson, MA, PHR  2:15 - 3:15 pm  C34: ReVIVE! Recreation for Visually Impaired Individuals: Vitality and Embodiment • Dana Draa, MA, COMS, CRC  C35: Enhance Visual Processing for the Child with Cerebral Palsy Cathy Stern, OD  C36: A Case of Traumatic Brain Injury and Low Vision	Mt. Princeton Mt. Yale
<ul> <li>Reaching Out • Larry Johnson, MA, PHR</li> <li>2:15 - 3:15 pm</li> <li>C34: ReVIVE! Recreation for Visually Impaired Individuals: Vitality and Embodiment • Dana Draa, MA, COMS, CRC</li> <li>C35: Enhance Visual Processing for the Child with Cerebral Palsy Cathy Stern, OD</li> <li>C36: A Case of Traumatic Brain Injury and Low Vision Catherine Tran, OD; Sally Dang, OD</li> <li>C37: Are We Really Doing the Best for our Patients?</li> </ul>	Mt. Princeton  Mt. Yale  Mt. Oxford

# Friday, September 11 (continued)

3:30	) - 5:30 pm	
C 39:	Vision Rehab and Creative Aging Colleen O'Donnell, MSA, OTR/L, CLVT	Mt. Princeton
C40:	Evidence-based Team Care for Patients with Diabetes: From Prevention to Treatment of Vision Loss Lori Grover, OD, PhD; Debra Sokol-McKay, MS, OTR/L, CVRT, CLVT, CDE, SCLV	Mt. Yale
C41:	Fearless Low Vision Care without Formulas Henry Greene, OD	Mt. Oxford
C42:	Why Test Contrast Serena Speaker, OTR, SCLV; Michelle Bianchi, OTR/L, CLVT	Mt. Harvard
R5:	Research: Who and How? Indications for Low Vision Rehabilitation Intervention David Lewerenz, OD; Carolyn Palmer, PhD; J. Vernon Odom, PhD; Pricilla Rogers, PhD; Monica Perlmutter, OTD; Laura Walker, PhD	Mt. Columbia

# 5:30 - 6 pm

**Envision Conference Social -** Colorado Ballroom and Foyer *(2nd Floor)* 

# **6 - 8 pm -** Colorado Ballroom and Foyer (2nd Floor)



Join us for an evening of music and conversation with **Blessing Offor** (NBC's
The Voice)



and **Brooke Fox** (Singer/Songwriter and President, Visionary Media)

# Saturday, September 12

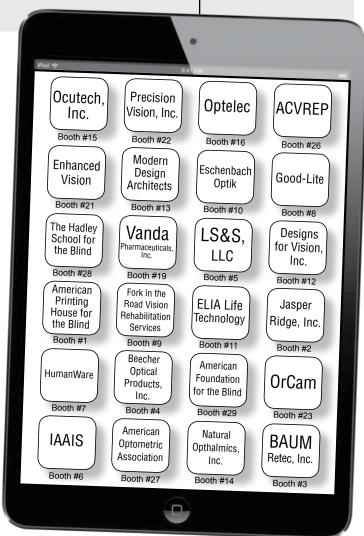
3, i	
6:30 - 10 am	
Registration Open	Maroon Peak (2nd Floor)
Speaker Ready Room Open	Mt. Wilson (3rd Floor)
6:30 - 7:30 am	
Continental Breakfast  For full course descriptions, go to  www.envisionconference.org	3rd Floor Foyer
7:30 - 8:30 am	
C43: The Success-Oriented Approach to Prescribing Magnification and Other Low Vision Interventions Stephen Whittaker, PhD, OT, CLVT	Mt. Princeton
<b>C44: Blind About Living with Macular Degeneration</b> John Shepherd, MD	Mt. Yale
C45: Low Vision Rehabilitation in Private Practice  Deena Sandall, OD	Mt. Oxford
<b>R6:</b> Research: Tools for Use in Low Vision Rehabilitation (7:30-9:30 am) Rezaul Karim, PhD; David Lewerenz, OD; Tony Succar, PhD; Peter Borden, PhD; Deann Bayerl, MS, OTR/L, SCLV; Laura Walker, PhD	Mt. Columbia
8:45 - 9:45 am	
C46: Lighting for Safety and Travel with Low Vision Clients: A Model for Orientation and Mobility Specialists and Occupational Therapists Cathy Holden, COMS; Marlene Snow, OTR/L, SCLV	Mt. Princeton
C47: The New Patient Landscape: What Innovators in Low Vision Rehabilitation Should Know About Recent Changes to US Patent Laws • Paul Onderick, OD	Mt. Yale
C48: Models of Low Vision Rehabilitation Delivery and a New Model for Integrated Services • Susan Leat, OD, PhD	Mt. Oxford

# Saturday, September 12 (continued)

9:45 - 10 am	
Coffee Break	3rd Floor Foyer
10 am - Noon	
C49: Administer, Calculate G Codes and Set Goals Using The Low Vision Independence Measure (LVIM) Theresa Smith, PhD, OTR, CLVT	Mt. Princeton
C50: Visual Impairment: Worth Falling For?  Jennifer Bulmann, OD; Katie Boland, OD	Mt. Yale
C51: Demystifying Low Vision Optics  David Lewerenz, OD	Mt. Oxford
C52: Research Proposal Workshop and Competition  Laura Walker, PhD	Mt. Columbia

# iPad BINGO!

Visit each **Envision Conference 2015**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 5:30 pm on Friday to be eligible for the drawing for an iPad. Late entries will be disqualified; only completed cards will be eligible. Winner to be notified by phone or email.





# **Research Competition**

**The purpose of the Research Competition** is to encourage and facilitate research-clinical collaborations that result through open discussions at Envision Conference. The intention is to accelerate and sponsor promising new research directions that have direct impact on the practice of low vision rehabilitation.



Every research track at conference will include time for discussion of the session topics, how the research can be applied to rehabilitative care, and what remaining questions need to be addressed with ongoing research. Care providers and researchers are encouraged to seek each other out and form concrete teams to collaborate on a small research project.

During the Research Proposal Workshop, *(Saturday, September 12, Session C52)* interested collaborators will be guided in how to design a study and to draft a research proposal. At the conclusion of the workshop, each team may submit a letter of intent (LOI) to participate in the research competition. Based on submitted LOIs, the Envision Research Institute (ERI) will provide specific feedback to help guide development of a full research proposal.

Research proposals will be due **October 15**, **2015**. Proposals will be judged based on their innovation, feasibility, team strengths and anticipated impact on low vision rehabilitation practice. Funds up to **\$10,000** for one year will be made available to support research activities as outlined in the winning proposal, including travel to Envision Conference 2016 to present findings. This competition represents a rare opportunity for researchers and practitioners to collaborate immediately on applied projects that will directly impact low vision rehabilitation.

# **Special Events**

# **Research Keynote**

Wednesday, September 9 | 4:10-6:10 pm | Mt. Columbia Scientifically Valid and Clinically Meaningful Measures of the

Effectiveness of Low Vision Rehabilitation

Robert Massoff, PhD

This presentation reviews the three basic types of functional ability measures used to assess the effectiveness of low vision rehabilitation: patient



self-report with visual function questionnaires; measures of performance speed and/or accuracy of vision-dependent tasks; and therapist ratings of patients' functional independence, performance ability, and/or goal attainment status. This presentation also reviews the basic requirements of measurement that must be satisfied to be scientifically valid and the measurement strategies that must be employed to be clinically meaningful. Finally, the presentation demonstrates the scientific validation of different types of low vision rehabilitation outcome measures and compares the relative responsiveness of each type of measure to the effects of occupational therapy services provided to home health care patients with low vision.



# Thursday Lunch Sponsor - Lunch with Gimbal, Inc.

Thursday, September 10 | Noon-1 pm | Mt. Sopris

Charlie Karstrom, Business Development Manager, Gimbal, Inc.

Join us for a complimentary lunch sponsored by Gimbal, Inc., and learn about how mobile devices can provide proximity-based alerts to the blind and visually impaired. Gimbal is a leading location and proximity-based mobile engagement

platform delivering relevant, personalized and contextually aware engagements to a user's mobile device. The Gimbal platform combines macro-location geofences and proximity beacons with software, hardware, analytics tools, a proximity marketplace and a management portal to provide mobile location strategy.

# **Welcome Reception**

Thursday, September 10 | 5:30-8 pm | Mt. Sopris

**Wine, dine and unwind.** This is your chance to network with colleagues from around the world and explore the exhibit hall! Each guest will receive two complimentary drinks and plenty of hors d'oeuvres.

# **Special Events**

# **Plenary Session**

Thursday, September 10 | 8:30-9:30 am | Mt. Sopris

How are Sports and Recreation Crucial to Rehabilitation Blindness Jeanne Derber, OD; Matt Simpson



Sport and recreation can be integral to the rehabilitation of both youth and adults who experience vision loss. This presentation will offer insight into the value of sport for people who are blind and visually impaired. Perspectives will be presented from an Optometric-

Paralympics classification expert and a professional blind athlete. Overcoming barriers to sport and recreation can lead to a healthier and active lifestyle

while providing skills and confidence that translate to all facets of life.



# **Inspirational Keynote**

Friday, September 11 | 1-2 pm | Mt. Sopris Risk-taking, Resiliency and Reaching Out Larry Johnson, MA, PHR



A common concern among educators and rehabilitation professionals is that visually impaired students or clients may have dreams or expectations which they may not be able to realize due to their impaired vision. However, risk-taking can stretch the individual's abilities and build confidence when carefully planned and when the student or client is taught resiliency strategies and provided with the necessary information and suitable resources to help them achieve their goals.





Vanda Pharmaceuticals is dedicated to raising awareness of Non-24-Hour Sleep-Wake Disorder (Non-24) and supporting the blindness community. Non-24 is a rare circadian rhythm disorder affecting up to 70% of people who are totally blind. People living with Non-24 experience excessive daytime sleepiness and nighttime sleeplessness, which leads to impaired social and occupational functioning. This is due to the misalignment between the internal master body clock and the 24-hour day.

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### In Memoriam

It was with heavy heart that the low vision rehabilitation community learned of the passing of William "Bill" Mattingly, a respected low vision specialist and noted optician, on June, 18, 2015 from a rare degenerative brain disease at age 66.



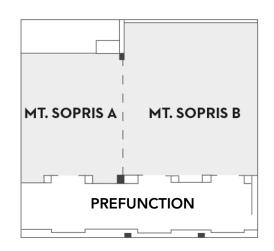
Mattingly had a long and distinguished career within the optical professional. Mattingly conducted research, worked at leading companies, was an educator and authored many journals. Within the industry

Mattingly was named a Master in Ophthalmic Optics in 1989 by the American Board of Opticianry, and in 1998 he was named an honored fellow by the Opticians Association of America. He served on The Vision Council's low vision division steering committee and was also a member of the low vision division education task force. Along with being a member of The Vision Council and the American Board of Opticianry, Mattingly gave his time and skills to various societies and organizations within the optical sphere throughout his career. In 2007 until his death, he was the president of Mattingly Low Vision.

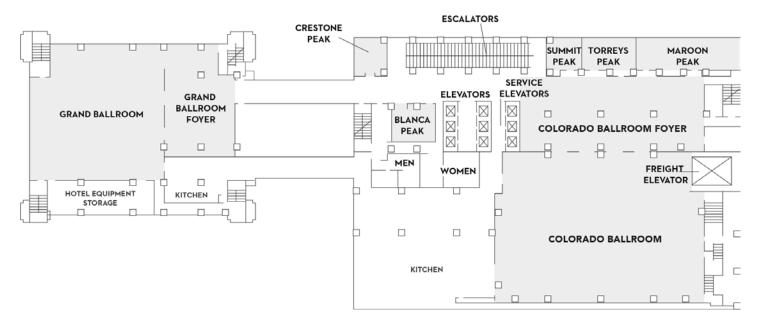
The Bill Mattingly Memorial Scholarship Fund — In honor of Bill's contributions to the field please consider a donation to the Bill Mattingly Scholarship Fund, established to annually assist a student or doctor with school or residency costs relating to low vision. *Contact: Sean Mattingly (915) 532-5699*.

# Hotel Floor Plans

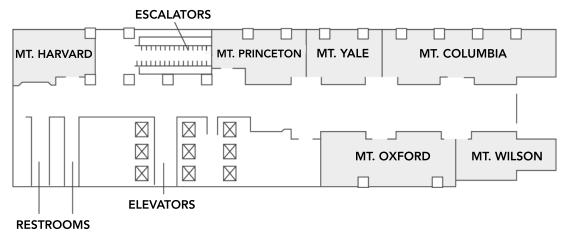
# **First Floor**



# **Second Floor**



# **Third Floor**



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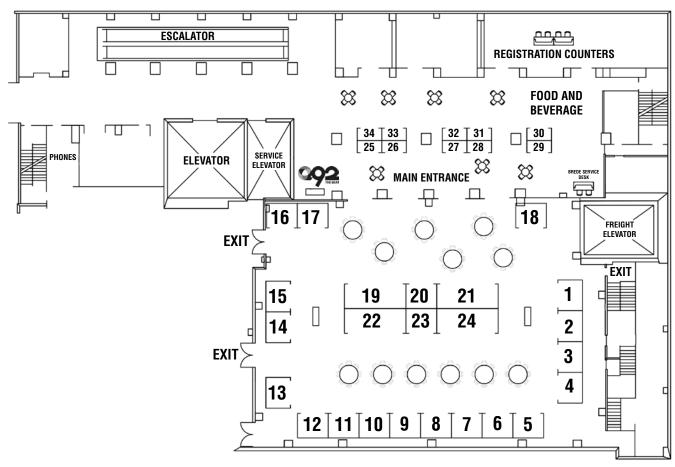
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# **Exhibitor Booth Map**



- 1 American Printing House for the Blind
- 2 Jasper Ridge, Inc.
- 3 BAUM Retec, Inc.
- 4 Beecher Optical Products, Inc.
- 5 LS&S, LLC
- 6 International Association of Audio Information Services (IAAIS)
- 7 HumanWare
- 8 Good-Lite
- **9** Fork in the Road Vision Rehabilitation Services
- 10 Eschenbach Optik
- **11** ELIA Life Technology
- **12** Designs for Vision, Inc.
- **13** Modern Design Architects
- **14** Natural Opthalmics, Inc.

- 15 Ocutech, Inc.
- 16 Optelec
- **17** Topcon Medical Systems Inc.
- **18** VisionCare Ophthalmic Technologies, Inc.
- **19** Vanda Pharmaceuticals Inc.
- **21** Enhanced Vision
- 22 Precision Vision, Inc.
- 23 OrCam
- **25** Envision University
- **26** ACVREP
- 27 American Optometric Association
- **28** The Hadley School for the Blind
- **29** American Foundation for the Blind
- **30** Ensight Skills Center

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Michelle Bianchi, OTR/L, CLVT	C42
Ava Bittner, OD, PhD	R4
Katie Boland, OD	C50
Peter Borden, PhD	C19, R6
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Complete speaker bios can be found at www.envisionconference.org//confsessionsevents.asp.

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Bryan Wolynski, OD	C31
Patrick, Yoshinaga, OD,	MPH C12, C28



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# **Envision Conference Committees**

Envision Conference programming is made possible through the hard work and dedication of the following committees:

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- Gary Asano, OD, FAAO, Assistant Professor, Southern California College of Optometry; Chair, Low Vision Rehabilitation Section, California Optometric Association
- Ellen Bowman, TVI, COMS, UAB Vision Science Research Center, University of Alabama at Birmingham
- Ronald Cole, MD, MVT Visual Rehabilitation Center, Sacramento, CA
- Debra A. Sokol-McKay, MS, OTR/L, CDE, SCLV, CLVT, CVRT, Consultant Private Practitioner
- Erika Andersen, MEd, CLVT, Eastern Colorado Healthcare System
- Kendall Krug, OD, Kendall Krug, OD, PA

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- Rebecca Kammer, OD, PhD, Independent Consultant, VisionCare Ophthalmic Technology, Inc.
- Monica Perlmutter, OTD, OTR/L, SCLV, Associate Professor, Lead OT -Low Vision In Home and Community Services, Washington University

# **S** Continuing Education



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 an Academy for Certification of Vision Rehabilitation and Education Professionals (ACVREP) Registered Provider of Professional Learning and Education (RPPLE).

# **Continuing Education Accrediting Agencies**

Each session may be approved by one or more of the following agencies:

- ACCME (Accreditation Council for Continuing Medical Education)
- **ACVREP** (Academy for Certification of Vision Rehabilitation and Education Professionals)
- AOA-CPC (American Optometric Association Commission on Paraoptometric Education)
- AOTA (American Occupational Therapy Association)
- COPE (Council on Optometric Practitioner Education)
- **CRCC** (The Commission on Rehabilitation Counselor Certification)

Not all sessions are accredited by all accrediting agencies. Please refer to page 36 or the conference website for exact continuing education information. Envision University does not guarantee that a licensing board or certifying organization will accredit any course presented by Envision Conference 2015.

All participants are required to have their badge scanned in each session attended. Continuing education credit will be prorated according to documented attendance.

Evaluations must be completed for you to obtain credit and certificate for each session. To fill out evaluations, visit <a href="http://www.envision-conference.org/SessionEvaluations">http://www.envision-conference.org/SessionEvaluations</a>

Login to your account on the Continuing Education page with your name and badge number or registration number. You will be able to access evaluations after the session is complete. You will be able to print out your attendance certificate from your account when the conference has ended. Please refer to pages 10 and 11 to view a sample evaluation so you will know what you will be evaluating for each session.

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 University. 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 20 *AMA PRA Category 1 Credit*<sup>TM</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

# Continuing Education Objectives

Envision Conference 2015 plenary and concurrent sessions enable participants to:

- Describe the most current research and clinical practices in low vision rehabilitation.
- Recommend appropriate patients who could benefit from low vision rehabilitation.
- Recognize the multidisciplinary 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.
- Develop strategies for strengthening the role of low vision on the public health agenda.
- Address disparities in access to low vision care.
- Provide opportunities and training to address national eye health epidemics.

All participants are required to scan their badge number in each session attended each day. Continuing education credit will be prorated according to documented attendance.



# **Solution** Credits Summary

# WEDNESDAY SESSION

NUMBER	ACCME	ACVREP	CPC	AOTA	COPE	CRCC
C1		1	1	.1		1
C2	1	1	1	.1	1	1
C3	1	1	1	.1	1	1
C4		1	1	.1		1
R1	1	1	1	.1	1	1
Research Keynote	2	2	2	.2	2	2

# THURSDAY SESSIONS

NUMBER	ACCME	ACVREP	CPC	AOTA	COPE	CRCC
Plenary	1	1	1	.1	1	1
C5		1	1	.1	1	1
C6	1	1	1	.1	1	1
<b>C</b> 7		1	1	.1	1	1
C8		1	1	.1	1	1
C9		1		.1		1
C10	1	1	1	.1	1	1
C11		1	1	.1	1	1
C12	1	1	1	.1	1	1
C13		2		.2		2
C14	2	2	2	.2	2	2
C15		2	2	.2	2	2
C16		2	2	.2		2
C17	2	2	2	.2	2	2
C18		2	2	.2		2
C19	2	2	2	.2	2	2
C20		2	2	.2		2
C21	2	2	2	.2	2	2
R2	2	2	2	.2	2	2
R3	2	2	2	.2	2	2
	VOE	0010	NIO			

# FRIDAY SESSIONS

NUMBER	ACCME	ACVREP	CPC	AOTA	COPE	CRCC
C22		1		.1		1
C23	1	1	1	.1	1	1

NUMBER	ACCME	ACVREP	CPC	AOTA	COPE	CRCC
C24	1	1	1	.1	1	1
C25		1	1	.1		1
C26	1	1	1	.1	1	1
C27	1	1	1	.1	1	1
C28		1	1	.1	1	1
C29	1	1	1	.1	1	1
C30	1	1	1	.1	1	1
C31	1	1	1	.1	1	1
C32		1	1	.1	1	1
C33	1	1	1	.1	1	1
Inspiration	al	1		.1		1
Keynote						
C34		1	1	.1		1
C35	1	1	1	.1	1	1
C36	1	1	1	.1	1	1
C37		1	1	.1	1	1
C39		2	2	.2		2
C40	2	2	2	.2	2	2
C41	2	2	2	.2	2	2
C42		2	2	.2		2
R4	2	2	2	.2	2	2
R5	2	2	2	.2	2	2
		/ OF		<u> </u>		

# **SATURDAY SESSIONS**

NUMBER	ACCME	ACVREP	CPC	AOTA	COPE	CRCC
C43	1	1	1	.1	1	1
C44	1	1	1	.1	1	1
C45	1	1	1	.1	1	1
C46		1		.1		1
C47	1	1	1	.1	1	1
C48	1	1	1	.1	1	1
C49	2	2	2	.2	2	2
C50		2	2	.2	2	2
C51	2	2	2	.2	2	2
R6	2	2	2	.2	2	2

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# **Attendee Resources**

# **Complimentary Food and Beverage**

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

### **Continental Breakfast**

Thursday-Saturday: 6:30-7:30 am

### **Coffee Break**

**Thursday:** 9:30-9:45 am; 3-3:30 pm **Friday:** 9:45-10:15 am; 3:15-3:30 pm

Saturday: 9:45-10 am

# Lunch with Gimbal, Inc.

Thursday: Noon-1 pm

# **Welcome Reception**

(2 Drink Tickets are in Registration Packets)

**Thursday:** 5:30-8 pm

# **Buffet Lunch**

Friday: 11:15 am-1:15 pm

# 10th Anniversary Social and Celebration

Friday: 5:30-8 pm

(2 Drink Tickets are in Registration Packets)

# Dining Options at the Denver Grand Hyatt

### **Pub 17 on Welton Street**

Breakfast, Lunch & Dinner: 6 am -11 pm

Happy Hour: 5-6 pm

### Starbucks Cafe

Monday-Friday: 6 am - 5pm

Saturday & Sunday: 7 am-1 pm

### Fireside/The Bar

Open Daily: 4 pm

### **Internet Access**

There is a complimentary hight speed internet access in all group guest rooms as well as all group meeting rooms.

# **Lost and Found**

Lost and found is located at the conference registration desk in Maroon Peak.

# **Message Center**

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

# **Parking Information**

For the convenience of attendees, the hotel offers Valet Parking in a covered garage adjoining the hotel. (Porte cochere entrance of Grand Hyatt Denver).

# **Attendee Resources**

- Overnight Parking is available seven days/week for \$37/night USD, includes in and out privileges
- Daily parking is available seven days/ week:

**0 - 4 hours**: \$20

4 hours or more: \$25

 Oversized vehicle parking is available seven days/week for \$43/day USD

For guests with oversized vehicles, please note, the limited height clearance of the garage (6'9").

Self-parking is available for a fee at several parking lots located near the hotel.

### **Presenters**

A **Speaker Ready Room** is available in Mt. Wilson on the 3rd floor. Please visit the Speaker Ready Room up to 1-hour before your presentation.

Conference staff will upload your presentation before your session, so it is imperative we have the most current information.

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

Wednesday: Noon-5 pm Thursday: 6:30 am-5 pm Friday: 6:30 am - 5 pm Saturday: 6:30 am - 10 am

# **Registration Desk**

The Envision Conference 2014 registration desk, located in the Nicollet Promenade, is open during the following times:

Wednesday: Noon-6 pm Thursday: 6:30 am-5 pm Friday: 6:30 am-5 pm Saturday: 6:30 am-10 am



# We are pleased to support **Envision 2015**

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# **VISION STATEMENT**

We believe every individual has vision, and that eyesight is not a requirement to achieving a dream. Our goal is to restore function to the blind and visually impaired. To this end, we dedicate our research

to investigating the functional implications of vision loss, early screening and access to treatments, optimizing rehabilitation therapies and developing accessibility technology.

# FELLOWSHIP PROGRAM

This program joins recent PhDs, mentors from around the globe and the unique resources at Envision to conduct applied research that impacts the lives of the blind and visually impaired. Guidelines and program details can be found at: <a href="http://research.envisionus.com/Fellowship-Program">http://research.envisionus.com/Fellowship-Program</a>

ERI pursues both industry and academic/clinical collaborations. Contact **research@envisionus.com** with your ideas, comments and questions.



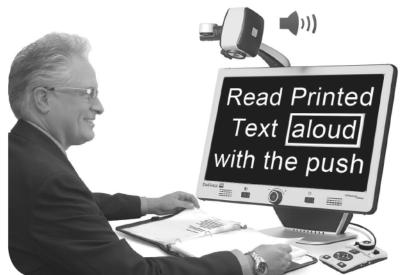
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Notes	Envision Conference 2015



In 2014, Envision launched the Envision Broadcast Network (EBN). The station provides Envision an additional outlet for employment and community engagement. Envision Broadcast Network currently comprises radio station KKGQ 92.3 FM based in Wichita, KS, and operates to promote the mission of Envision to benefit the lives of people who are blind or visually impaired. The 100,000-watt station is called Q92 and features both hosts who are typically-sighted or visually impaired. Q92 has a 140-mile listening area that covers the most populated regions of Kansas, with a listenership approaching one million people. The Q92 coverage area also includes Wichita, the largest city in Kansas. For more information visit **envisionus.com** 









A multidisciplinary low vision rehabilitation & research conference by ENVISION UNIVERSITY

www.envisionconference.org

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CONFERENCE 2015

Denver, Colorado



To improve the quality of life and provide inspiration for the blind and visually impaired through employment, outreach, rehabilitation, education and research.

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