



9th American Conference on Pediatric Brain-based Visual Impairment/CVI

In-Person & Live Online Education
New this year! BVI Research Symposium

PROGRAM GOAL

The American Conference on Pediatric Brain-based Visual Impairment (PCVI) brings together occupational therapists, ophthalmologists, optometrists, teachers of the visually impaired, neurologists, pediatric intensivists, physiatrists, and parents to increase interprofessional understanding of cortical visual impairment in children.

TARGET AUDIENCE

Occupational therapists, occupational therapy assistants, physical therapists, physiotherapists, ophthalmologists, neuro-ophthalmologists, neonatal and pediatric intensivists, physiatrists, neuro-optometrists, optometrists, speech language pathologists, teachers of the visually impaired, pediatric neurologists, pediatric intensivists, pediatric physiatrists, physiotherapists, orientation and mobility specialists, and parents/guardians of children with BVI/CVI.

ACCOMMODATIONS

A block of rooms has been reserved at _____ at a rate of \$109/night. Group rate guaranteed through Wednesday, June 29. For reservations, [click here](#), or call 1-888-236-2427 and mention Children's Hospital Vision Conference. Hotel is less than a block away from conference site.

GENERAL INFORMATION

- Conference to be held at _____ : 6450 Pine St. Omaha, NE 68106
- In-person seating is limited-please register early!
- In-person registration deadline: July 22, 2022.
- Virtual registration deadline: July 27, 2022.
- Refunds issued for written cancellations received by July 22.
- No refunds after July 22. Learner substitution is permitted.
- Dress in layers for your comfort.
- With questions regarding registration, special dietary needs or other accommodations, contact 402.955.6070.
- Free on-site parking adjacent to venue available.
- In the unlikely event this event is cancelled, registrants will be notified by email and issued a refund.
- For Occupational Therapists and OT Assistants, an intermediate educational level is appropriate.

REGISTRATION FEES

In-person attendees with CEU's: \$125.00
In-person attendees without CEU's: \$75.00
Virtual attendees with CEU's: \$125.00
Virtual attendees without CEU's: \$75.00

CONTINUING EDUCATION

Credit given only for full sessions attended. No partial session credit given. Course evaluation must be completed in order to receive credit. Professionals are responsible for determining that the educational hours awarded will be accepted by their licensing agency or certifying body. Program length is 9.25 hours.

CONTINUING MEDICAL EDUCATION

Children's Hospital & Medical Center is accredited by the Nebraska Medical Association to provide continuing medical education for physicians.

Children's Hospital & Medical Center designates this live activity for a maximum of nine and one quarter (9.25) *AMA PRA Category I Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CEU applications will be filed for:

- Regulatory Boards of Optometry Council on Optometric Practitioner Education (COPE)
- Academy for Certification of Vision and Rehabilitation & Education Professionals (ACVREP)

ADA

Children's Hospital & Medical Center supports the Americans with Disabilities Act (ADA). We will make all reasonable efforts to accommodate persons with disabilities. Please call 402-955-6070 if special arrangements are needed.

DISCLOSURE

Children's Hospital & Medical Center's medical education policy requires independence and objectivity for all educational activities. All faculty and planning committee members are expected to disclose any significant relationships or financial interests to the planning committee and audience.

For more information and to register, visit <https://app.ce-go.com/pbvi2022>

CONFERENCE OBJECTIVES

1. Discuss a personal journey of BVI diagnosis as an adult. Consider the benefits of art exposure and creation for individuals with BVI. Describe the role of photography in augmenting mental health and learning in individuals with BVI. Recognize the value of providing an individualized approach to those with BVI.
2. Recognize the potential for improvements in functional vision in all learners, regardless of age, the necessity of systematic assessment to drive BVI accommodations, methods, and learning environments, and the need for intense immersion in BVI supports throughout the day and across environments.
3. Describe the relationship between vision and perception. Discuss how a CVI diagnosis impacts perception. Identify how BVI impacts perception pathways in the brain.
4. Describe a model for interprofessional assessment of and accommodations for BVI patients. Review case studies to illustrate the range of visual accommodations for BVI patients. Recognize limitations of visual function tools in diagnosing BVI.
5. Highlight the importance of being able to recognize the features of loss, or persistence of posterior parietal lobe function in those with BVI, and take appropriate action.
6. Define the concepts of visual function and functional vision, and how they are assessed in BVI. Recognize that the clinical profile of BVI is characterized by deficits in visuospatial processing that can be characterized by impaired visual search and objective eye tracking metrics. Recognize various platform technologies using virtual reality to enhance ecological validity and behavioral relevance as a part of functional visual assessments.
7. Identify three components of the Perkins CVI Protocol. Identify visual behaviors assessed in the Perkins CVI Protocol. List two aspects of the CVI Perkins Protocol that are a unique addition to the field.
8. Describe databases used to search the literature for BVI studies and the process used to assess validity and level of research.
9. Discuss the top 3 BVI articles from 2021 in occupational therapy, optometry, vision education and ophthalmology that professionals across disciplines can use in practice
10. Review National Eye Institute strategic plan and discuss new areas of community collaboration and partnership.
11. Discuss research priorities, identify opportunities for interprofessional collaboration, discuss barriers to research, and brainstorm strategies to overcome obstacles to research.

Richard H. Legge, MD

Neuro-ophthalmology, Pediatric Ophthalmology and Strabismus Surgery, Truhlsen Eye Institute
Assistant Professor, Ophthalmology and Visual Sciences
UNMC College of Medicine

Mark Borchert, MD

Director, Eye Birth Defects and Eye Technology Institute
The Vision Center at Children's Hospital Los Angeles
Associate Professor of Clinical Surgery Keck School of Medicine of USC, Los Angeles

Melinda Chang, MD

Assistant Professor of Ophthalmology
Children's Hospital of Los Angeles
USC Roski Eye Institute
University of Southern California

Kendall Cowle

Master of Research
School of Visual Communication
Birmingham University, United Kingdom

Gordon Dutton, MD, FRCS, Hon Ed., FRCOphth

Pediatric Ophthalmologist Emeritus Professor of Visual Science
Glasgow Caledonian University

Lynn Elko, MA

Parent Advocate

Karen Harpster, PhD, OTR/L

Assistant Professor & Clinical Scientist
Department of Occupational Therapy and Physical Therapy
Cincinnati Children's Hospital and Medical Center
Faculty Member for the Leadership Education in Neurodevelopmental and Related Disability (LEND) Program
University of Cincinnati

Barry Kran, OD, FAAO

Professor
New England College of Optometry
Optometric Director
NECO Center for Eye Care at Perkins

Ellen Mazel, MEd, CTVI

Deafblind Specialist Director of CVI Research and Development
The CVI Center at Perkins School for the Blind

Nicola McDowell, PhD

Lecturer in Specialist Teaching
Institute of Education at Massey University, New Zealand

Lotfi Merabet, OD, PhD, MPH

Associate Professor of Ophthalmology, Harvard Medical School
Director, The Laboratory for Visual Neuroplasticity
Massachusetts Eye and Ear Schepens Eye Research Institute
Staff Optometrist, Vision Rehabilitation Service,
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John Ravenscroft, PhD

Chair of Childhood Visual Impairment
Moray House School of Education and Sport
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Christine Roman Lantzy, PhD

Director, Pediatric VIEW Program - The Western Pennsylvania Hospital
Consultant to the Perkins School for the Blind

Marguerite Tibaudo, MEd, CTVI

Deafblind Specialist
Assistant Director of Assessment and Interventions
The CVI Center at Perkins School for the Blind

Santa Tumminia, PhD

Deputy Director, National Eye Institute

Jacy VerMaas, PhD, MA, OTR/L, BCP

Upside Systems Therapy

For more information and to register, visit <https://app.ce-go.com/pbvi2022>

Continental Breakfast (in person)
Join Zoom (virtual)

Welcome & Opening Remarks

Kendall Cowle

*Lynn Elko, MA
Christine Roman Lantzy, PhD*

John Ravenscroft, PhD

Barry Kran, OD, FAAO

*Gordon Dutton, MD, FRCS, Hon Ed.,
FRCOphth*

Lotfi Merabet, OD, PhD, MPH

*Spezia
3125 S. 72nd St.
Omaha, NE 68124*

Continental Breakfast (in person)
Join Zoom (virtual)

Welcome & Opening Remarks

*Ellen Mazel, MEd, CTVI
Marguerite Tibaudo, MEd, CTVI*

*Karen Harpster, PhD, OTR/L
Jacy VerMaas, PhD, MA, OTR/L, BCP*

Lotfi Merabet, OD, PhD, MPH

Nicola McDowell, PhD

*Mark Borchert, MD
Melinda Chang, MD*

2:00-2:30 p.m.

Santa Tumminia, PhD

2:45-4:15 p.m.

Professional Panel



PCVIS
Pediatric Cortical Visual
Impairment Society

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