



## American Conference on Pediatric Cortical Visual Impairment

Children's Hospital & Medical Center  
Glow Auditorium, Third Floor  
8200 Dodge Street | Omaha, Nebraska

### PROGRAM GOAL

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

### TARGET AUDIENCE

Occupational therapists, occupational therapy assistants, ophthalmologists, pediatric ophthalmologists, neuro-ophthalmologists, neuro-optometrists, optometrists, teachers of the visually impaired, pediatric neurologists, pediatric intensivists, pediatric physiatrists, physical therapists, orientation and mobility specialists, and parents.

### ACCOMMODATIONS

A block of rooms has been reserved at Marriott Regency at a rate of \$109 per night. For reservations, call 402.399.9000 and mention the Children's Hospital & Medical Center PCVI conference or [click here](#).

### REGISTRATION AND COSTS

#### **Register online at [ChildrensOmaha.org/ContinuingEd](http://ChildrensOmaha.org/ContinuingEd)**

Registration costs are for both days. Registrants are invited to attend as many sessions as they can. Prorated registration for single-day attendance will not be permitted.

Physicians, optometrists: \$160

Occupational therapist: \$150

Teachers and others: \$125

Residents/students/parents: \$75

Live web viewing (CEUs not available): \$75

### GENERAL INFORMATION

- Seating is limited-please register early!
- Registration deadline: June 22, 2018.
- Refunds will be issued for written cancellations received prior to June 22, 2018. No refunds after June 22, 2018. Learner substitution is permitted.
- Dress in layers for your comfort.
- Please do not bring any children to the conference.
- Emergency contact during the conference: 402.888.8321.
- With questions regarding registration, special dietary needs or other accommodations, contact 402.955.6070.
- Free on-site parking available at the hotel. Shuttle transportation provided to conference.
- In the unlikely event this event is cancelled, registrants will be notified by email and issued a refund.

### CEU

#### **Accreditation Statement**

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

#### **CME statement**

Children's Hospital & Medical Center designates this live activity for a maximum of thirteen and one quarter (13.25) *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

#### **ADA statement**

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 statement**

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.

# 2018 American Conference on Pediatric Cortical Visual Impairment

## FRIDAY, JUNE 29-SATURDAY, JUNE 30, 2018

### COURSE DIRECTOR

**Richard H. Legge, MD**

Neuro-ophthalmology and Pediatric Ophthalmology  
Assistant Professor, Ophthalmology and Visual Sciences,  
UNMC College of Medicine

### COURSE FACULTY

**Dagbyört Andrésdóttir**

Individual with PCVI  
Classical Opera Student  
University of Iceland

**Corinna M. Bauer, PhD**

Instructor of Ophthalmology  
Laboratory for Visual  
Neuroplasticity  
Massachusetts Eye and Ear  
Harvard Medical School  
Boston

**Mark Borchert, MD**

Director, Eye Birth Defects,  
The Vision Center at Children's  
Hospital Los Angeles  
Director, Eye Technology Institutes,  
The Vision Center at Children's  
Hospital Los Angeles  
Associate Professor of Clinical  
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of USC, Los Angeles

**Rebecca Davis, MFA**

Advocate and Parent

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Director of Occupational Research  
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Cincinnati Children's Hospital  
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**Lindsay Hillier, M.Ed.**

Manager, Training and  
Quality Assurance  
Surrey Place Centre  
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Division Chief, Pediatric  
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Clinical Professor of  
Ophthalmology and Pediatrics  
Assistant Dean of Faculty Affairs  
Sidney Kimmel Medical College  
at Thomas Jefferson University  
Philadelphia

**MaryAnne Roberto, CTVI**

Teacher of the Visually Impaired  
Perkins-Roman CVI Range  
Endorsed Professional  
Owner: Envision CVI Consulting, LLC  
Bensalem, Pa.

**Christine Roman Lantzy, Ph.D.**

Director, Pediatric View Program,  
The Western Pennsylvania Hospital  
CVI Consultant, The American  
Printing House for the Blind  
Educational Consultant  
Pittsburgh, Pa.

**Cheyenne Sparks, MOL**

Parent

**Terry L. Schwartz, MD**

Pediatric Ophthalmologist  
Professor, Ophthalmology  
University of Cincinnati

**Joanne Szabo PT, DPT, MHA, PCS**

Physical Therapist  
Board Certified Clinical Specialist  
Pediatric Physical Therapy  
Arizona State Schools for the Deaf  
and Blind  
Tucson, Ariz.

**Matthew Tietjen, M.Ed.**

Teacher of Students with  
Visual Impairments  
Bureau of Education and Services  
for the Blind  
Department of Rehabilitation  
Services  
Windsor, Conn.

### CONFERENCE OBJECTIVES

1. Dissect the triumphs and pitfalls of parenting a child with CVI and review the limitations of access to professionals in the field of CVI.
2. Discuss a personal perspective on living with CVI.
3. Describe pertinent history taking and validated visual survey instruments to help with diagnosis and identification of visual concerns in the child with CVI. Discuss how to complete a focused examination to explore visual function in a child with CVI.
4. List essential elements necessary for the medical diagnosis for CVI.
5. Describe the methods used to deliver evaluation and intervention to children living in remote locations. Describe interventions utilized to improve functional performance for children with CVI.
6. Discuss how early developmental brain damage can affect the development of key visual processing areas in the brain. Discuss the potential relationship between altered structural and functional brain connectivity and functional vision in individuals with CVI.
7. Describe the importance of evidence-based approaches in CVI assessments and care strategies. Discuss ways that virtual reality environments can play a role in the assessment and monitoring of functional vision in children with CVI.
8. Discuss how to craft a strong CVI IEP based on Dr. Christine Roman-Lantzy's CVI Guiding Principles (2007). Using the CVI Range (Roman, 2007), participants will see examples of how to use Rating I and Rating II to write goals and appropriate strategies for the child with CVI in Phases I and II.
9. Explain why color is such an important visual support for children with CVI, describe its relationship to visual complexity, and explain what color supports look like in all three phases of The CVI Range (Roman-Lantzy).
10. Recognize the importance of using collaborative teaming to complete the functional vision assessment and reassessment for a student with multiple disabilities and CVI. Identify teaming strategies when developing interventions for students with multiple disabilities and CVI.
11. Employ a method of assigning appropriate service levels to children with CVI.
12. Describe the controversy and clinical impact of using the terms cortical visual impairment vs. cerebral visual impairment.
13. Explain why a unique approach to determining learning media is necessary for children with CVI. Describe an alternative approach in which the sensory modalities are treated as complementary and non-hierarchical.
14. Identify two challenges to receiving appropriate educational services for children with CVI and three ways to advocate for improved educational outcomes for a child with CVI.
15. Review pearls for changing practice and identify opportunities for future education.

# 2018 American Conference on Pediatric Cortical Visual Impairment

## FRIDAY, JUNE 29-SATURDAY, JUNE 30, 2018

### COURSE AGENDA

#### Friday, June 29, 2018

- 7:15 – 7:45 a.m. Registration & Continental Breakfast
- 7:45 – 8:00 a.m. **Welcome & Opening Comments**  
Richard Legge, MD
- 8:00 – 8:45 a.m. **Parents LOST in the RED World of CVI**  
Cheyenne Sparks, MOL, parent
- 8:45 – 9:30 a.m. **CVI from a Personal Perspective:  
An Interview with an Individual with CVI**  
Dagbyört Andrésdóttir  
Christine Roman-Lantzy, PhD
- 9:30 – 10:30 a.m. **Assessment of the Child with CVI  
in a Clinical Setting: Diagnosis and Exam**  
Terry L. Schwartz, MD
- 10:30 – 11:00 a.m. Break & Visit Exhibits
- 11:00 – 11:30 a.m. **Diagnosing CVI with the Experts**  
Terry L. Schwartz, MD  
Corinna M. Bauer, PhD  
Richard H. Legge, MD  
Sharon S. Lehman, MD
- 11:30 a.m. – 12:15 p.m. **Occupational Therapy Treatment  
for Children with CVI: A Pilot Study**  
Karen Harpster, PhD, OTR/L
- 12:15 – 1:00 p.m. Lunch & Visit Exhibits
- 1:00 – 2:00 p.m. **Disentangling the Neurophysiology  
of CVI, Part I**  
Corinna M. Bauer, PhD
- 2:00 – 2:15 p.m. Break & Visit Exhibits
- 2:15 – 3:15 p.m. **Disentangling the Neurophysiology  
of CVI, Part II**  
Corinna M. Bauer, PhD
- 3:15 – 3:30 p.m. Break & Visit Exhibits
- 3:30 – 4:15 p.m. **Phase 1-2 Interventions and the IEP**  
MaryAnne Roberto, CTVI
- 4:15 – 5:00 p.m. **Coloring Complexity: Color as an Enduring  
Visual Support Throughout the CVI Range**  
Matthew Tietjen, M.Ed.
- 5:00 – 6:00 p.m. **Networking Reception**  
Vocal performance by Dagbyört Andrésdóttir

#### Saturday, June 30, 2018

- 7:30 – 8:00 a.m. Registration & Continental Breakfast
- 8:00 – 9:00 a.m. Pediatric CVI Society Business Meeting  
(all are welcome)
- 9:00 – 9:45 a.m. **Collaborative Teaming for a Student  
with Multiple Disabilities and CVI: Why it is  
Essential for the Functional Vision Assessment,  
Reassessment and Intervention, Part I**  
Joanne Szabo, PT, DPT, MHA, PCS
- 9:45 – 10:15 a.m. Break & Visit Exhibits
- 10:15 – 11:00 a.m. **Collaborative Teaming for a Student with  
Multiple Disabilities and CVI: Why it is  
Essential for the Functional Vision Assessment,  
Reassessment and Intervention, Part II**  
Joanne Szabo, PT, DPT, MHA, PCS
- 11:00 – 11:30 a.m. **Determining Service Level Based on Need  
for Children with CVI**  
Lindsay Hillier, M.Ed.
- 11:30 a.m. – 12:15 p.m. **Cortical or Cerebral Visual Impairment:  
What's the Buzz?**  
Mark Borchert, MD  
Corinna M. Bauer, PhD  
Sharon S. Lehman, MD  
Christine Roman-Lantzy, PhD
- 12:15 – 1:15 p.m. Lunch & Visit Exhibits
- 1:15 – 2:45 p.m. **CVI Range Workshop**  
Christine Roman-Lantzy, PhD
- 2:45 – 3:00 p.m. Break & Visit Exhibits
- 3:00 – 4:30 p.m. **Approaching Learning Media  
Assessment for Individuals with CVI:  
The Need for an Alternative Method**  
Matthew Tietjen, M.Ed.  
Christine Roman-Lantzy, PhD
- 4:30 – 5:15 p.m. **Advocating for Children with CVI**  
Rebecca Davis, MFA
- 5:15 – 5:30 p.m. Conference Summary & Review
- 5:30 p.m. Adjourn

