

Effect of Age at Brain Injury on Outcome

When children experience a brain injury, neural development is interrupted. How injury and development interact is complex.

This course will combine evidence from brain science with epidemiology of children with brain injury to understand this interaction.

We will discuss time windows that might be important: sensitive periods, when activity is critical for normal development, optimal periods, for intervention after injury, and vulnerable periods, when the brain is injured more easily or profoundly.

We will discuss these concepts across different brain functions: movement, sensation, vision, and thinking. We will present evidence for different responses to brain injury across these brain function.

The goal is to put together theoretical concepts with empirical data to improve our ability to make prognoses and to treat children with brain injury.

Agenda

5:00 p.m.

Introduction

Jason B. Carmel, M.D., Ph.D.

5:15 p.m.

Vision

Glen Prusky, Ph.D.

5:35 p.m.

Movement

Kathleen Friel, Ph.D.

6:00 p.m.

Break

6:05 p.m.

Sensation

Jason B. Carmel, M.D., Ph.D.

6:30 p.m.

Cognition

William Watson, Ph.D.

6:55 p.m.

Wrap Up and Tours

Course Fee: \$30

Register here:

Blythedale-Burke.ezregister.com

Or contact: (914) 592-7555 ext.

71383, or

research@blythedale.org

CEU Credits for Occupational Therapists
and Physical Therapists.

CMH credits for Speech-Language
Pathologists and Audiologists.



Course Instructors

Jason B. Carmel, M.D., Ph.D.

**Assistant Professor,
Weill Cornell Medicine**

*Director, Research, Blythedale
Director, Motor Recovery
Laboratory, Burke*



Glen Prusky, Ph.D.

**Professor,
Weill Cornell Medicine**

*Director, Vision Recovery
Program, Blythedale
Director, Center for Vision Restoration, Burke*



Kathleen M. Friel, Ph.D.

**Assistant Professor,
Weill Cornell Medicine**

*Director, Cerebral Palsy
Research, Blythedale
Director, Clinical Laboratory for Early Brain
Injury Recovery, Burke*



William Watson, Ph.D.

**Neuropsychologist,
Blythedale Children's Hospital**

*Co-director of Cognitive
Impairment Clinic
Co-director of Brain Injury Outcomes
Assessment Team*



More Information, please visit:

www.blythedale.org/research



For directions and transportation
information, please visit:

[www.blythedale.org/
directions-and-transportation](http://www.blythedale.org/directions-and-transportation)

Parking at Blythedale is free.

Blythedale Children's Hospital

95 Bradhurst Avenue
Valhalla, NY 10595
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www.blythedale.org

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Course for Therapists,
Physicians, Researchers
& Caregivers



April 19, 2018
5:00 p.m. - 7:00 p.m.

Blythedale Children's Hospital
95 Bradhurst Avenue
Valhalla, NY 10595