

Brain Injury Association of America: Your National Organization At Work October 16, 2018

Mission



To advance awareness, research, treatment and education and to improve the quality of life for all people affected by brain injury.

Acquired Brain Injury Facts

- 3.5 million children and adults acquire brain injuries each year.
- Nearly 10 million live with brain injury-related disability (1 in 60).
- On average, caregivers spend 84 hours per week assisting loved ones.
- The estimated lifetime cost of care for a person with brain injury exceeds \$4 million dollars.
- The cost to society for medical care and lost wages for people with traumatic brain injury is \$76.3 billion per year.
- A brain injury happens every 9 seconds.

Strategic Goal

Improve care and support for individuals with brain injury and their family members.

Advocacy



Research

- Treatment Guidelines Project
- Redman Research Fund
- Research Program Support
 - Federal Appropriations
 - Letters of Support
 - Advisory Board Services
 - Subject Recruitment
 - Findings Dissemination



National Brain Injury Information Center

1-800-444-6443



Have you or your loved one had a brain injury?

(also known as a head injury, concussion, or coma):

Call our toll-free number to speak with a brain injury specialist.

Monday through Friday
9:00 am - 5:00 pm

1-800-444-6443



Receive individualized, confidential resources and support.

We understand.

We know what can happen when someone experiences a blow or jolt to the head. Perhaps the injury was caused by a fall, motor vehicle crash, sports mishap, or violent behavior. No matter the scenario, a brain injury is not simply an event or an outcome - it is often a misunderstood diagnosis. A person with a brain injury may have physical problems or trouble remembering things. Sometimes, there is a change in the person's behavior and it may be hard for him or her to think clearly.

We can listen.

You need accurate and reliable information regarding brain injury. You are not alone.

We can help.

The National Brain Injury Information Center is a toll-free telephone service for getting information, resources, and services in your community. We provide information about:

- Local treatment and rehabilitation options
- Funding for services
- Legal issues
- Resources for veterans
- Living with brain injury
- Returning to school and work
- Coping with changes
- Planning for your future



For general information about brain injury, visit www.biausa.org.

Preferred Attorneys

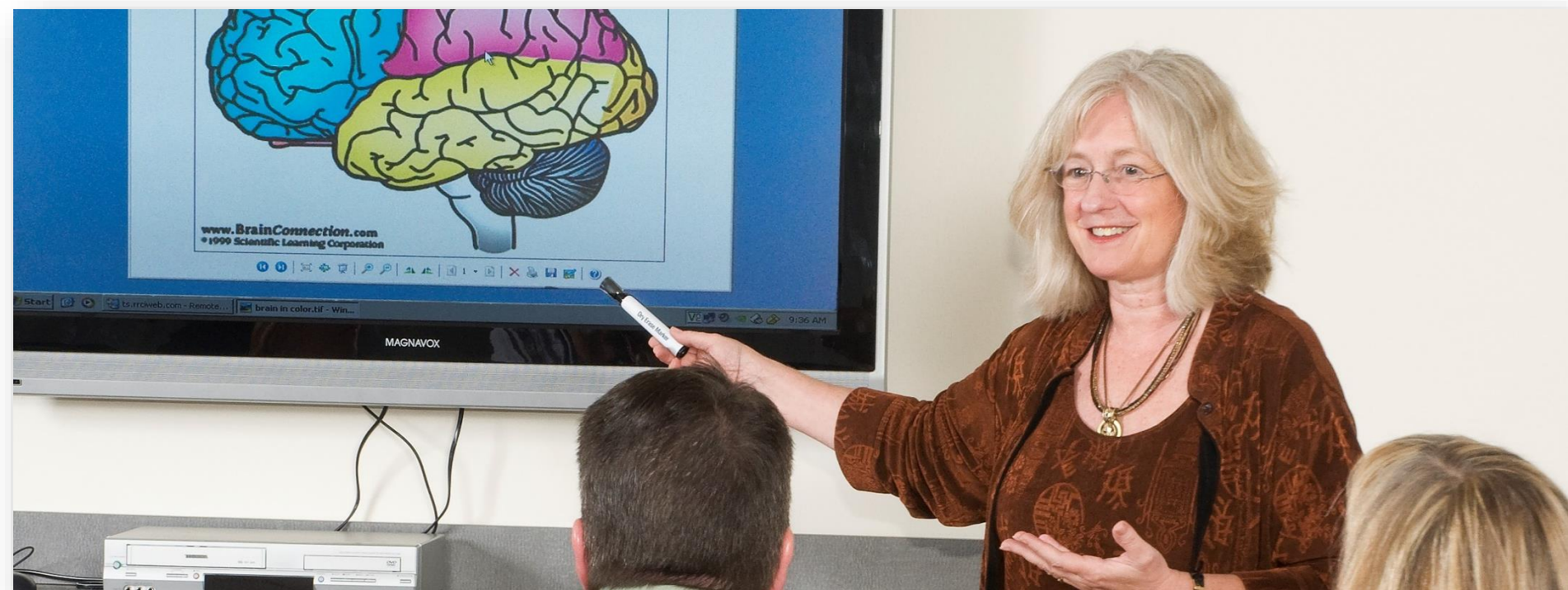


GET JUSTICE.

**BIAA PREFERRED ATTORNEYS
UNDERSTAND BRAIN INJURY**

LEARN MORE AT WWW.BIAUSA.ORG/ATTORNEYS

Academy of Certified Brain Injury Specialists



Brain Injury Fundamentals

Brain Injury Fundamentals

Practical Training Workbook



BRAIN INJURY ASSOCIATION OF AMERICA

Section 4 Brain Injury and Behavior

Learning Objectives

- Identify and define common behavioral complications of brain injury.
- Discuss common behavioral principles.
- Discuss common behavioral approaches and strategies.
- Understand de-escalation techniques used when working with individuals with brain injury.

Introduction

There may be many changes in how a person thinks, feels, and acts after a brain injury. These changes can greatly affect:

- A person's ability to live independently
- A person's ability to work
- A person's ability to maintain relationships with others
- Every aspect of a person's daily life

GENERAL NOTES

Changes in behavior after brain injury present special difficulties.

Common behavioral and emotional issues following brain injury include:

- Becoming easily frustrated
- Irritability and agitation
- Impulsivity
- Refusals or resistance
- Verbal aggression
- Physical aggression
- Elopement
- Disinhibition
- Denial that anything is wrong or different
- Destroying property
- Crying or laughing at the wrong time
- Diminished initiation
- Making bad or questionable decisions
- Mood swings



Brain Injury Fundamentals

• What is impulsivity?

• What is elopement?

• What is disinhibition?

• What is initiation?

• Do you have examples of any of these behaviors?

When we discuss behavior, we are referring to all kinds of skills and actions, not just "misbehavior." Effective approaches reflect the understanding that unwanted behavior is the product of brain dysfunction and environmental influences.

Behaviors are every action we take, good or bad.



YOUR INFLUENCE ON BEHAVIOR

- Many unwanted behaviors are low in intensity or frequency and can often be tolerated, ignored, or redirected.
- In these cases, behavior is best managed by the right approach; i.e., using good therapeutic interaction skills.

Behaviors of any kind may be the result of our interactions in the moment or over time.

INTERPRETING BEHAVIOR

Individuals with brain injury may not respond to others in typical ways. Consider these questions:

- Are they really resistant or could they be hard of hearing?
- Are they really refusing or could they still be processing the information?
- Are they confused about what is expected of them?

In many cases, more frequent or intense problem behaviors require more thoughtful interventions.

Brain Injury Fundamentals

CHANGE BEHAVIOR:

Some unwanted behaviors can be managed or avoided by changing antecedents.

For example, if an individual shuts down or shows upset when overwhelmed or tired, consider changing the schedule to promote better pacing or timing of activities.

We are thoughtful about the demands we make on individuals who may experience cognitive fatigue or confusion that can produce upset.

When a behavior's consequence makes that behavior more likely to happen again, that is reinforcement. Reinforcement can be subtle and unintended.

To decrease unwanted behavior, consider an alternative behavior that would achieve the same results; focus on what to do, instead of what not to do.

Positive Reinforcement Example: Getting Something



Carl is sitting alone in the living room. A staff member walks by. Carl makes sexual comments to the staff member. Staff discuss the comment with Carl for five minutes.

• What is the Antecedent?

• What is the Behavior?

• What is the Consequence?

• Is his behavior more or less likely to happen in the future?

Negative Reinforcement Example: Getting Out of Something

Staff remind Carl to complete his shower routine. Carl curses at staff. Staff walk away and avoid Carl's shower routine.

• What is the Antecedent?

• What is the Behavior?

• What is the Consequence?

• Is his behavior more or less likely to happen in the future?

Review:

• Describe examples of antecedent, behavior, and consequence you may have experienced.

• Describe examples of reinforcement and explain how you may have contributed to someone's behavior.

• What behavioral interventions have you seen implemented and what was the outcome of those interventions?

GENERAL NOTES

STRATEGIES AND APPROACHES

Prompting and Cueing



VISUAL



AUDIBLE



TACTILE



ENVIRONMENTAL

- Specific Behaviors
- Refusal/Resistance
- Threatening/Demanding
- Verbal Aggression
- Physical Aggression
- Elopement
- Suggested Approaches

What approaches can resolve some of these behaviors?

Brain Injury Fundamentals

Crisis Intervention

Expectations

- Staff should be trained in de-escalation skills and crisis intervention.
- Anticipating the "escalation" is important.
- Training should include guidelines for effective and supportive non-verbal behavior.

Which of these techniques have you used? Have they been successful?

Role of the Caregiver

Which of these techniques have you used? Have they been successful?

De-Escalation Techniques

- Active listening
- Orientation
- Redirection
- Setting limits
- Withdrawing attention
- Contracting

If you are unsure of the reason for an approach or how to execute it, ask the clinicians! Your input is an essential part of the rehabilitation process.

Case Study



Carl had a rough day. During the family meeting, he learned his stay in the program was not temporary, as he had thought. He was irritable and verbally aggressive, even toward his preferred staff. That evening, he attended an art class at the program's rec center. He grabbed Stephanie's paints and insulted her artwork. Later that evening, he continuously talked about going home. He finally announced he was leaving and started to elope.

What strategies can be used in Carl's behavior plan?

Case Study Questions:

Should Carl have been allowed to attend the art class?

How should staff have intervened when Carl tried to grab Stephanie's paints?

Demonstrate how Carl's strategies could have been used when Carl was grabbing Stephanie's paints and insulted her artwork.

What interventions should be implemented as Carl eloped?

Sample Quiz Question:

1. How can we avoid a problem behavior in someone who is overwhelmed or tired?
A. Change the schedule and demands on the person
B. Speak loudly to the person
C. Stick to the published schedule

GENERAL NOTES

Brain Injury Fundamentals

BRAIN INJURY FUNDAMENTALS
SCHOLARSHIP OPPORTUNITY



A certificate & training program designed especially for caregivers of people living with brain injury.

LEARN MORE & APPLY FOR THE SCHOLARSHIP AT
WWW.BIAUSA.ORG/FUNDAMENTALS

 **BRAIN INJURY ASSOCIATION OF AMERICA**
 **PILOT INTERNATIONAL**
Do More. Care More. Be More.

AN EXCLUSIVE SCHOLARSHIP OPPORTUNITY FROM PILOT INTERNATIONAL

BRAIN INJURY FUNDAMENTALS



BRAIN INJURY ASSOCIATION OF AMERICA



PILOT INTERNATIONAL
Do More. Care More. Be More.

Application Form

Applicant's name	
Permanent address	
Telephone and e-mail	
Relationship to brain injury survivor	<input type="checkbox"/> Spouse <input type="checkbox"/> Child <input type="checkbox"/> Parent <input type="checkbox"/> Grandparent <input type="checkbox"/> Other (describe relationship):
Date of brain injury origin	
Type of brain injury	<input type="checkbox"/> Motor vehicle accident <input type="checkbox"/> Fall <input type="checkbox"/> Stroke <input type="checkbox"/> Tumor <input type="checkbox"/> Other (describe):
Employment status	<input type="checkbox"/> Full time <input type="checkbox"/> Part time <input type="checkbox"/> Self-employed <input type="checkbox"/> I do not work outside the home

Annual income level	<input type="checkbox"/> 0-\$15,000 <input type="checkbox"/> \$15,001-\$30,000 <input type="checkbox"/> \$30,001-\$50,000 <input type="checkbox"/> \$50,001-\$70,000 <input type="checkbox"/> \$70,001 +
Please describe the nature of care you give to this brain injury survivor.	
Please quantify the average number of hours per week you spend caring for this brain injury survivor.	<input type="checkbox"/> Less than 5 hours <input type="checkbox"/> 5-10 hours <input type="checkbox"/> 11-20 hours <input type="checkbox"/> 20-30 hours <input type="checkbox"/> 30-40 hours <input type="checkbox"/> 40+ hours
In this space, please share anything else you wish to know about yourself and your loved one with a brain injury.	

Again, please mail or e-mail the completed application to:

BIAA Scholarships
Pilot International
122 Pringle Court
Macon, GA 31210
Or e-mail to:
braininjury@pilot.org

Scholarships are awarded on a monthly basis, until the \$10,000 annual fund is exhausted. Payment is made to the BIAA in the successful applicant's name.

<https://www.biausa.org/professionals/acbis/acbis-fundamentals/acbis-fundamentals-certification>

Strategic Goal

Increase awareness and understanding of brain injury and the Brain Injury Association.

The Voice of Help, Hope and Healing

Brain injury is not an event or an outcome. It is the start of a misdiagnosed, misunderstood, under-funded neurological disease.

[Donate](#)[Call Us: 1-800-444-6443](#)

I Have a Brain
Injury



I Am a Caregiver



I Am a
Professional



I Want to Help



CORPORATE PARTNERS

 PATE
REHABILITATION

Educational Webinars

BRAIN INJURY ASSOCIATION
OF AMERICA



BUTCH ALTERMAN
SURVIVOR WEBINAR

BRAIN INJURY ASSOCIATION
OF AMERICA



DISTINGUISHED SPEAKERS
BIAA WEBINARS

BRAIN INJURY ASSOCIATION
OF AMERICA



CAROLYN ROCCHIO
CAREGIVERS WEBINAR

BRAIN INJURY ASSOCIATION
OF AMERICA



MITCH ROSENTHAL
RESEARCH WEBINAR

BRAIN INJURY ASSOCIATION
OF AMERICA



ROBERT SBORDONE
CONCUSSION/mTBI WEBINAR

BRAIN INJURY ASSOCIATION
OF AMERICA



DAVID STRAUSS
CLINICAL WEBINAR

Social Media



<https://www.facebook.com/BrainInjuryAssociationofAmerica>

<https://twitter.com/biaamerica>

<https://www.linkedin.com/company/brain-injury-association-of-america/>

Media Relations

[Letters to the Editor](#) | Opinion

How to prevent more e-scooter accidents

September 25, 2018 at 5:39 PM

Thanks to The Post for shining a spotlight on severe brain injury, fatality and concussion risks associated with electric-scooter sharing. Seeking compromise between personal responsibility and community safety can be difficult, especially when companies are seeing soaring profits as the e-scooter trend becomes more and more popular. The risk, however, is death or extremely serious brain injury, as we witnessed this month in Dallas in the fatal accident reported on in the article. The Brain Injury Association of America begs city leaders throughout the country to swiftly require all operators of e-scooter sharing platforms to attach and mandate use of helmets.

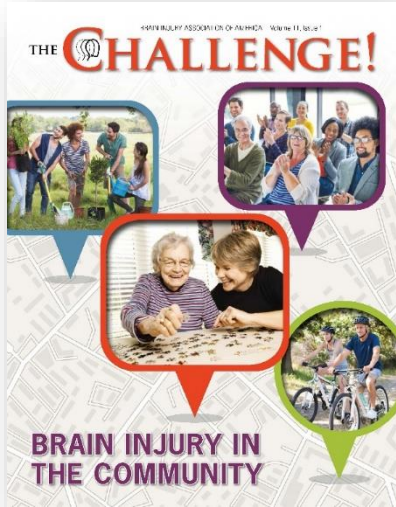
Susan H. Connors

The writer is president and CEO of the Brain Injury Association of America, Vienna, Va.

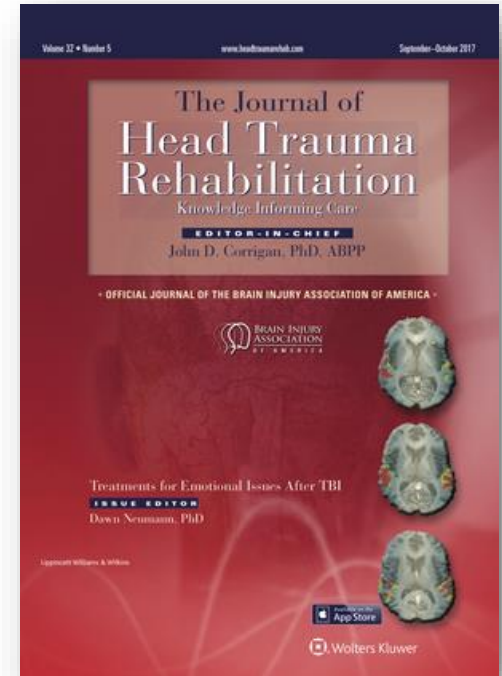
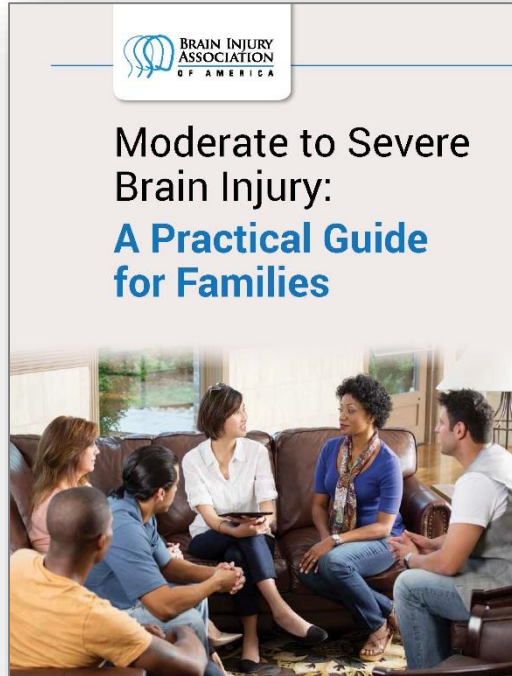
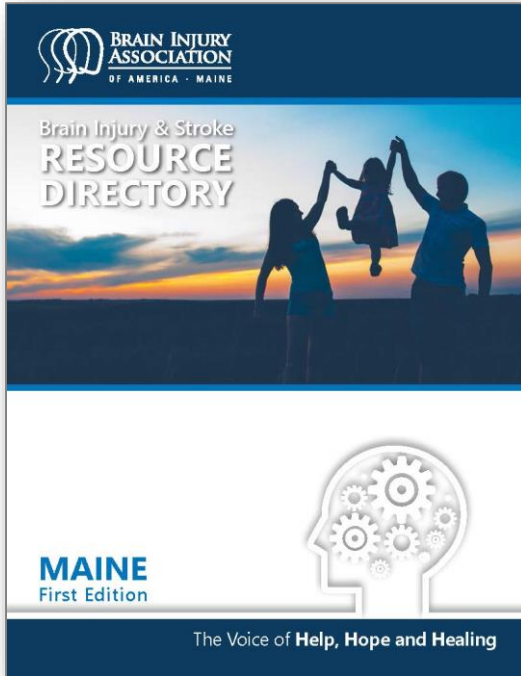
The Washington Post



The Challenge! Magazine



Publications





Awareness Month



BRAIN INJURY AWARENESS

DID YOU KNOW?

Comprehensive, intensive rehabilitation is the standard of care after brain injury.

#ChangeYourMind
Learn more at www.biausa.org

 BRAIN INJURY ASSOCIATION
1-800-444-6443





BRAIN INJURY AWARENESS

DID YOU KNOW?

A stroke is a brain injury.

#ChangeYourMind
Learn more at www.biausa.org

 BRAIN INJURY ASSOCIATION
1-800-444-6443



BRAIN INJURY AWARENESS

DID YOU KNOW?

Brain injury changes the way you think, act, move and feel.

#ChangeYourMind
Learn more at www.biausa.org

 BRAIN INJURY ASSOCIATION
1-800-444-6443

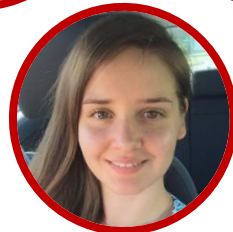


With thanks to American Association for Justice TBI Litigation Group

Strategic Goal

Increase BLAA's capacity to achieve its mission.

BIAA Staff



Corporate Sponsors



Individual Donors

Celebrate
#GivingTuesday
with us.

NOVEMBER 28, 2017



Brown-Bag-It for Brain Injury

.....
Bring in your lunch
and donate your
lunch money
to BIAA!



LUNCH

HERE'S TO 37 YEARS OF BIAA!

*Won't you celebrate our
birthday with us?*



Show your support by donating to BIAA-ME

Donate

Thank You!

This presentation is available from:

<https://www.biausa.org/find-bia/maine>