

Justice Center THE COUNCIL OF STATE GOVERNMENTS

Mind Matters: Building a Justice System That Is Inclusive and Responsive to People with Brain Injury

October 17, 2024

Speakers

- Megan Davidson, Program Director, Behavioral Health, CSG Justice Center
- Judy Dettmer, *Director of Technical Assistance and Special Projects, National Association of State Head Injury Administrators (NASHIA)*
- Major Jason Gould, *Consultant and Subject Matter Expert, National Sheriffs' Association; Major of Operations, Genesee County Sheriff's Office*
- Brooke Mount, Senior Policy Advisor, Bureau of Justice Assistance (BJA)
- Kate Reed, Project Manager, Behavioral Health, CSG Justice Center
- Rebeccah Wolfkiel, Executive Director, NASHIA



Agenda

- I. Welcome and Introduction
- II. Project Overview and Background Research
- III. Key Findings and Recommendations
- IV. National Association of State Head Injury Administrators (NASHIA) and Brain Injury Resources
- V. Panel Discussion
- VI. Questions and Reflections



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The Council of State Governments Justice Center

We are a national nonprofit, nonpartisan organization that combines the power of a membership association, serving state officials in all three branches of government, with policy and research expertise to develop strategies that increase public safety and strengthen communities.



How We Work

- We bring people together
- We drive the criminal justice field forward with original research
- We build momentum for policy change
- We provide expert assistance



Our Goals

- Break the cycle of incarceration
- Advance health, opportunity, and equity
- Use data to improve safety and justice



Equity and Inclusion Statement



The Council of State Governments Justice Center is committed to advancing racial equity internally and through our work with states, local communities, and Tribal Nations.



We support efforts to dismantle racial inequities within the criminal and juvenile justice systems by providing rigorous and high-quality research and analysis to decision-makers and helping stakeholders navigate the critical, and at times uncomfortable, issues the data reveal. Beyond empirical data, we rely on stakeholder engagement and other measures to advance equity, provide guidance and technical assistance, and improve outcomes across all touchpoints in the justice, behavioral health, crisis response, and reentry systems.



What is the Office of Justice Programs?

- The Office of Justice Programs (OJP) provides grant funding, training, research, and statistics to the criminal justice community.
- OJP is one of three grant-making components of the Department of Justice along with the Office on Violence Against Women (OVW) and the Office of Community Oriented Policing Services (COPS).

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U.S. Department of Justice Bureau of Justice Assistance

Mission: BJA's mission is to provide leadership and services in grant administration and criminal justice policy development to support state, local, and tribal justice strategies to achieve safer communities. BJA works with communities, governments, and nonprofit organizations to reduce crime, recidivism, and unnecessary confinement, and promote a safe and fair criminal justice system.

Karhlton F. Moore, BJA Director



BJA

Bureau of Justice Assistance U.S. Department of Justice

www.bja.gov





How BJA Supports the Field









Investments

Provide diverse funding to accomplish goals.

Sharing Knowledge

Research, develop, and deliver what works to build capacity and improve outcomes.

Engagement

Consult, connect, and convene.



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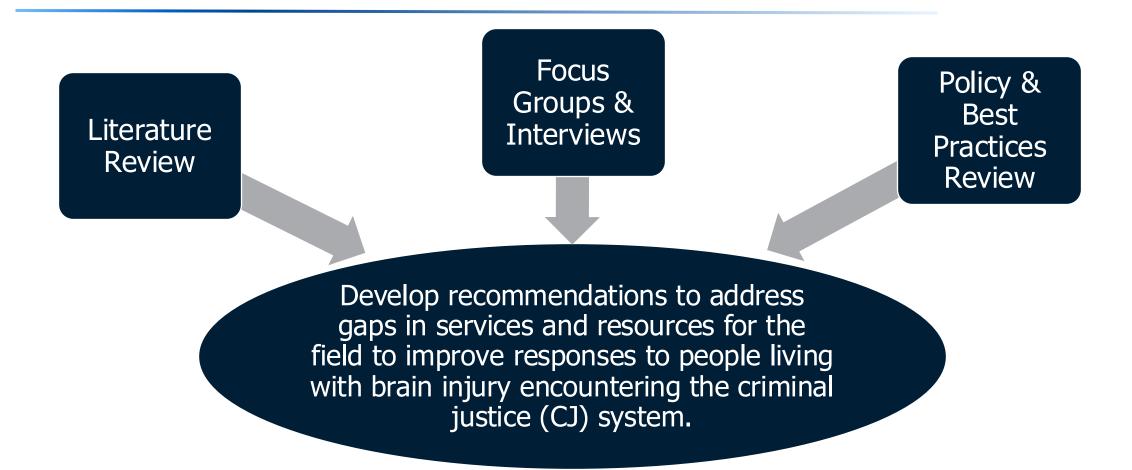
Why Brain Injury?

- Over half of individuals encountering the criminal justice system have experienced at least one brain injury (BI).
- Legislative action with the passage of the Traumatic Brain Injury (TBI) and Post-Traumatic Stress Disorder Law Enforcement Training Act (H.R. 2992) in August 2022
 - Requires Bureau of Justice Assistance (BJA) to develop training tools/resources focused on brain injury/PTSD for first responders
- BJA requested a landscape review to lay the foundation for future work in this area!





Mind Matters Project Overview

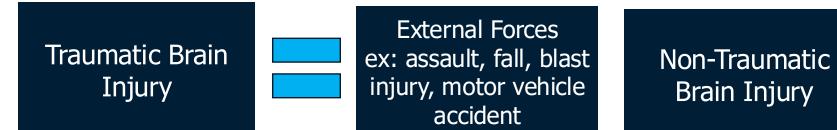






Brain Injury Defined

Acquired Brain Injury



Internal Event ex: stroke, tumor, lack of oxygen, infection





Brain Injury and Criminal Justice: Prevalence

- A meta-analysis found that **60.25 percent** of the justice population had a reported history of TBI **vs. 8.5 percent** of the general population.
- A meta-analysis found that approximately **30 percent of adjudicated** youth have sustained a previous brain injury.
- In a Colorado study, women convicted of offenses reported a history of TBI at a rate of 97 percent.

E. Shiroma, P. Ferguson, and E. Pickelsimer, "Prevalence of traumatic brain injury in an offender population: A meta-analysis," *Journal of Head Trauma Rehabilitation* 27, no. 3 (2010): 1–10, http://doi.org/10.1177/1078345809356538; Marlena M. Wald, Sharyl R. Helgeson, and Jean A. Langlois, "Traumatic Brain Injury Among Prisoners," Brain Injury Professional Magazine, November 3, 2008, accessed September 28, 2022, https://www.brainline.org/article/traumatic-brain-injury-among-prisoners; Thomas J. Farrer, R. Brock Frost, and Dawson W. Hedges, "Prevalence of traumatic brain injury in juvenile offenders: A meta-analysis," *Child Neuropsychology* 9, no. 3 (2013): 225–34, doi: 10.1080/09297049.2011.647901.





Co-occurring Behavioral Health and Brain Injury

Suicide Attempts

- 28% with suicidal thoughts, 17% attempts
- Compared to 4% in general population

Substance Use

- Post-rehabilitation for TBI:
 - 11.5% used an illicit substance since injury
 - 16.9% misused alcohol since injury

Mental Health

- 1/3 of TBI survivors experience mental health symptoms after a TBI
- Compared to 26.2% in general population

Jessica L. Mackelprang et al., "Rates and Predictors of Suicidal Ideation During the First Year After Traumatic Brain Injury," Am J Public Health (2014); John D. Corrigan et al., "US Population Estimates of Health and Social Outcomes 5 Years After Rehabilitation for Traumatic Brain Injury," *Journal of Head Trauma Rehabilitation* 29 no. 6 (2014): E1-E9; J. Ponsford, Y. Alway, and K. R. Gould, "Epidemiology and natural history of psychiatric disorders after TBI," J Neuropsychiatry Clin Neuroscience 30, no. 4 (2018): 262–270.



Pathways to Criminal Justice Involvement

- Brain injury can lead to impaired decision-making, impulsivity, and executive functioning deficits.
- It can also lead to difficulty connecting consequences to actions and high-risk behaviors.
- Being involved in violence, as a victim or perpetrator, is often a precursor to both a brain injury and justice system involvement.

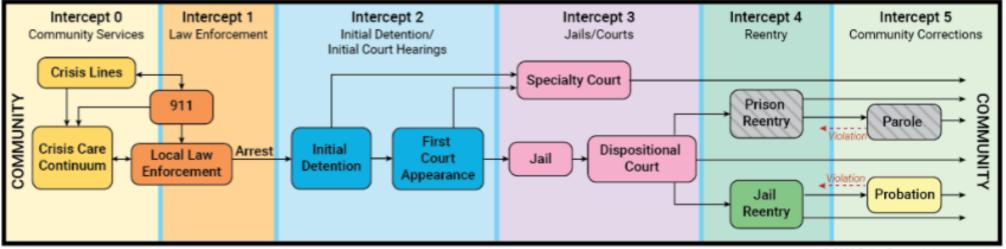


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Sequential Intercept Model (SIM)





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Represents different opportunities in the criminal justice system for problem identification and response



The CJ Experience for People Living with Brain Injury

Often misunderstood, misdiagnosed, or missed entirely May be the first time a person is identified as having a brain injury—they may not know it themselves

Lower treatment and probation completion rates

Higher rates of disciplinary incidents and recidivism



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Findings and Recommendations





1. Training and Education

- Implement easily accessible, standardized brain injury training model.
- Cultivate cross-training opportunities.
- Provide psychoeducational resources.

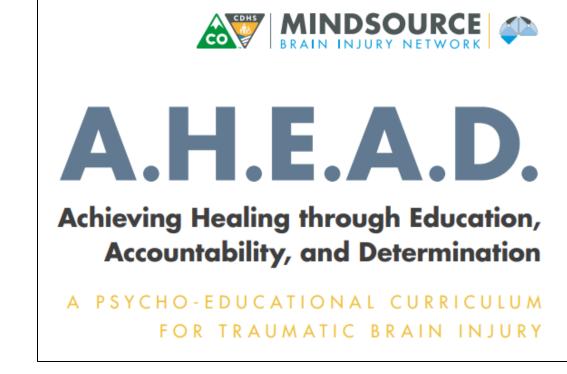


Photo by Pixabay via Pexels



AHEAD Curriculum

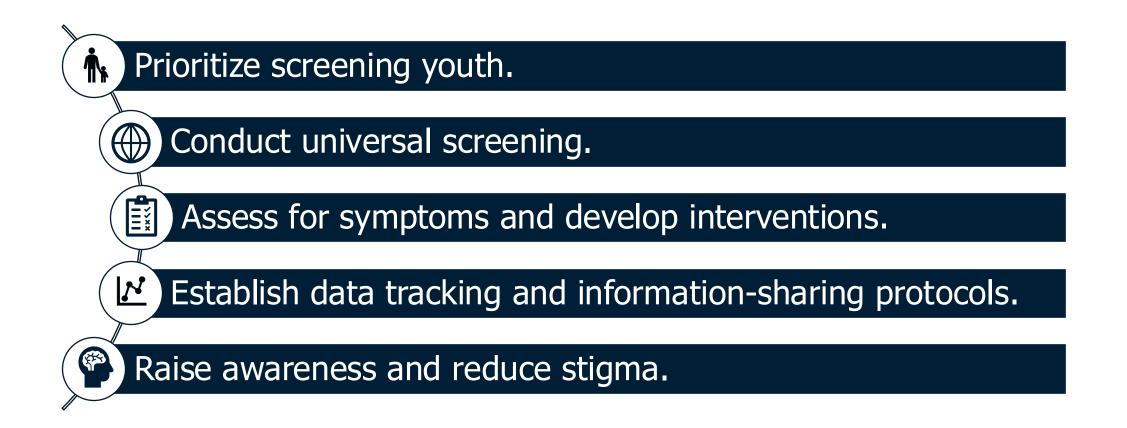
- Developed by MINDSOURCE Brain Injury Network and Dr. Bradley McMillian from the Denver County Jail
- Psychoeducational curriculum designed to help participants understand brain injury, its effects, and symptom management
- Specifically created for mental health and criminal justice staff to facilitate group sessions



https://mindsourcecolorado.org/ahead/



2. Screening and Identification





Screening, Assessment, and Evaluation

Brain Injury Screening	Symptom/Impairment Assessment	Neurocognitive Evaluation/ Neurological Examination
Administered to whole population (e.g., all individuals being booked into jail) Can be conducted by non-clinical personnel Typically uses a reliable, validated tool composed of a standardized list of questions that, depending on the individual's answers, indicates the person either has or does not have a history of brain injury/injuries.	Conducted after an individual screens positive for brain injury Administered by clinical personnel and occasionally non-clinical personnel, depending on the instrument(s) being used Typically uses tools that identify an individual's specific symptoms, level of impairment, and strategies to support the individual	Conducted if an individual needs more advanced or in-depth assessment as determined by the screener or assessor Administered by trained master's-level clinicians, neuropsychologists, and/or neurologists Typically uses more advanced clinical tools and medical interventions or procedures (e.g., fMRI)



3. Compensatory Strategies/Modifications



Modify approaches and interventions to promote compliance and safety (e.g., adjust setting to reduce overstimulation).



Develop symptom management strategies in partnership with the individual living with brain injury.



4. Referrals and Resource Coordination

Establish partnerships and referral mechanisms between criminal justice entities and brain injury services providers.

Build care coordination into the brain injury referral process.

NeuroResource Facilitation

- Similar to intensive case management
- Helps individuals with brain injury access appropriate services
- Involves directly assisting with applications, appointments, problem-solving, and advocacy
- Should be implemented in correctional settings and at other points along the criminal justice continuum based on need and available resources

Research shows NRF leads to **improved outcomes**, **such as increased community participation and employment**, **and decreased recidivism rates** for individuals with brain injury.



5. Strategies for Advancing Recommendations

Build collaborative partnerships.

Promote a positive culture shift.

Apply a racial equity lens.

Review/refine policies and legislation.

Increase funding opportunities.



Report Just Released!

- The <u>Mind Matters</u> report was published in June 2024 and can be accessed via the CSG Justice Center website.
- Additional resources and opportunities will be forthcoming as we partner with BJA and other stakeholders to continue advancing the field in this area!

Megan Davidson, PhD; Kate Reed, LPC

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National Association of State Head Injury Administrators (NASHIA) Mission

NASHIA is a nonprofit organization created to assist state government in promoting partnerships and building systems to meet the needs of individuals with brain injury and their families.

Support States. Grow Leaders. Connect Partners.



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NASHIA

Provides

NASHIA is a nonprofit organization created to assist state government in promoting partnerships and building systems to meet the needs of individuals with brain injury and their families.





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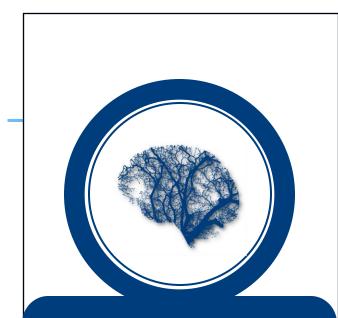
How NASHIA Can Support You

Provide webinars/trainings customized for your target audience.

Develop resources customized for your target audience, including, but not limited to, fact sheets, toolkits, podcasts.

Provide subject matter expertise for initiatives with intersection of brain injury.





NASHIA Online Brain Injury Screening and Support System OBISSS

NASHIA OBISSS

The OBISSS is an online screening system to determine the likelihood of brain injury and to identify associated challenges that may be present for youth and adults.

Benefit to the person:

- Identify TBI and non-TBI history.
- Determine program eligibility.
- Identify impairment and share strategies regarding the associated symptoms.
- Provide strategies for professionals on how to support the person with a brain injury.



Behavioral Health Resources (available at nashia.org)

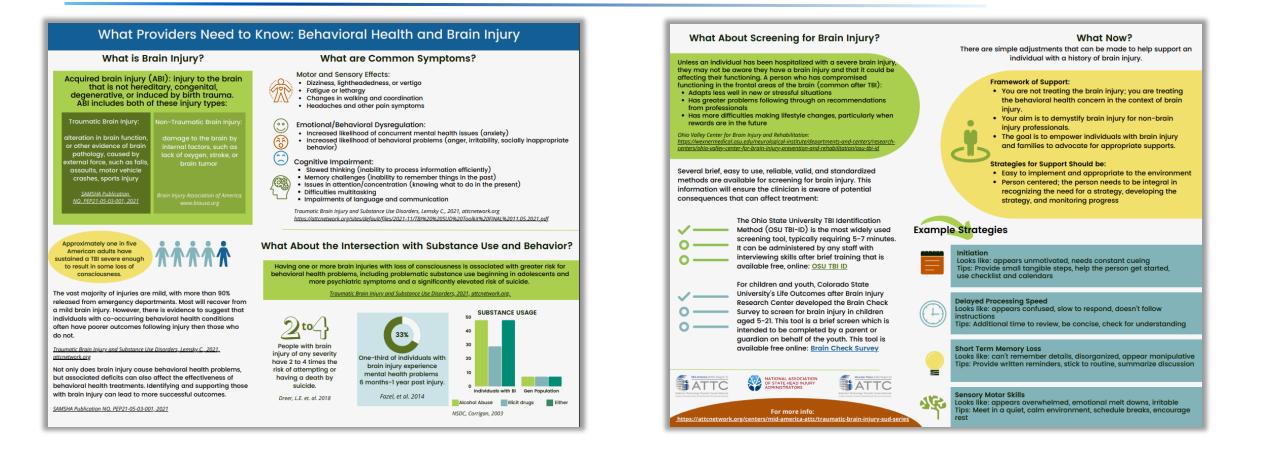
- SAMHSA TBI and Substance Use Disorders
- Client Workbook: Substance Use and BI 2nd Ed.
- SAMHSA ATTC Network BH and BI Tip Card
- SAMHSA Advisory: Treating Patients with TBI
- ACL TBI-TARC Behavioral Health Guide
- TBI MS Knowledge Translation Center: <u>http://www.msktc.org/tbi/factsheets</u>
 - o Emotional Problems and TBI

• Depression and TBI

<u>Rocky Mountain MIRECC for Veteran Suicide Prevention</u>



BH and BI Tip Card





SAMHSA Advisory:

Treating Patients With Traumatic Brain Injury

SAMHSAADVISORY

Services Administration

TREATING PATIENTS WITH TRAUMATIC BRAIN INJURY

Each year in the US traumatic brain injury (TBI) results in approximately 2.8 million emergency department visits, hospitalizations, or deaths.¹ TBIs account for almost 2% of all emergency department visits, and more than one-quarter million Americans are hospitalized each year with a TBI. Heightened public awareness of sports-related concussions and TBIs incurred in combat in Iraq and Afghanistan have contributed to a marked increase in emergency department visits over the past two decades; however, the greatest increase has been in the rate of fall-related TBIs among older adults. Potentially hundreds of thousands more individuals sustain TBI each year but are not included in the data sets used to form these estimates because they do not seek medical treatment or because they are treated in physicians' offices, urgent care clinics, or Federal, military, or Veterans Affairs hospitals.²

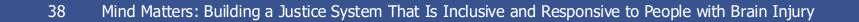
Public awareness of TBI has shifted dramatically since it was dubbed "a silent epidemic" in 1980; however, appreciation of its effects has not garnered the attention of professionals outside of medical rehabilitation. Particularly among behavioral health specialists, a gap remains in knowledge about TBI, understanding its implications for behavioral health conditions (i.e., mental illness and substance use disorders), and active consideration of treatment implications.³ This Advisory briefly summarizes key elements of TBI and describe its relevance to behavioral health, including recommendations for how behavioral health professionals can better meet the needs of patients who have a history of TBI.

Key Messages

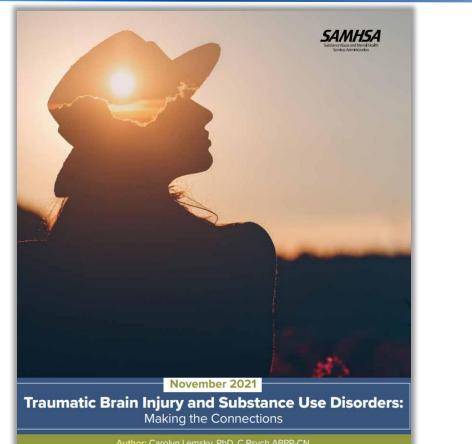
- Traumatic brain injury (TBI) is a common neurological condition that results from an external force altering normal brain function, whether temporarily or permanently.
- TBIs vary greatly in severity, which concomitantly creates tremendous variability in the impact on cognition, affect and emotion. A concussion is a mild TBI.
- The lasting effects of TBI also depends on whether there are multiple injuries, age at which they occur and whether a person already had another source of compromise to brain function
- The fingerprint of TBI is damage to the frontal areas of the brain, which with sufficient
 magnitude results in impairment of a person's ability to regulate cognition, emotion, and
 behavior.
- Not only does TBI cause behavioral health problems, associated deficits can affect the
 effectiveness of behavioral health treatments.
- Behavioral health professionals do not identify TBI among their patients.
- The consequences of TBI necessitate screening during behavioral health treatment.
- The presence of a problematic history of TBI should lead to identification of accommodations to minimize the effect on behavioral health treatment.

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ustice



Substance Use Toolkit



Editors: Patricia Stilen, MSW and Thomasine Heitkamp, LCSW

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SUBI 2 Workbook

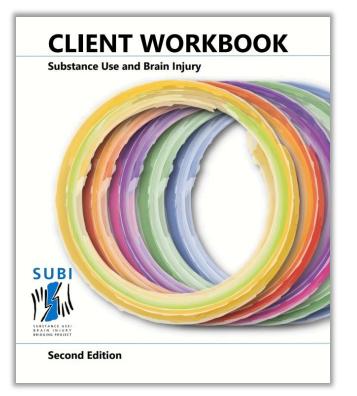


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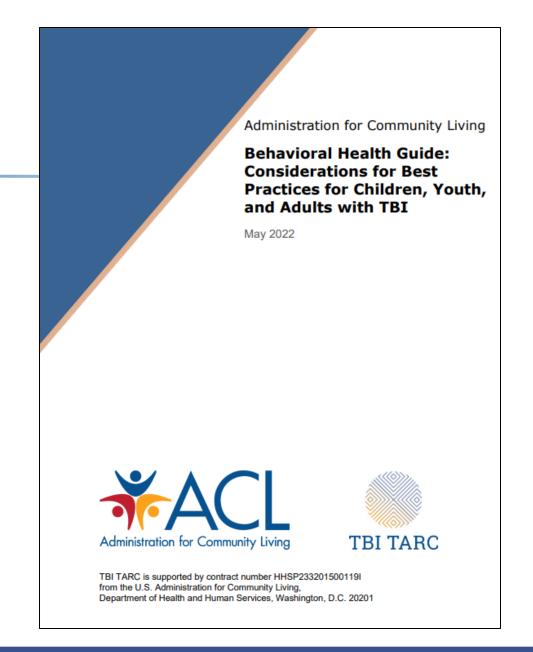




TBI Technical Assistance and Resource Center: BH Guide

- How to better partner with state mental health systems
- Training approaches
- Screening approaches
- Modifying clinical interventions**
- <u>Modifying psychopharmacologic</u> <u>interventions</u>**

**Chapter Briefs





Criminal Legal System Resources: *(available at nashia.org)*

- <u>Building Capacity of Veteran Treatment Courts</u>
- Treatment Courts Guide to Supporting Individuals with Acquired Brain Injury
- Criminal & Juvenile Justice Best Practice Guide for State Brain Injury Programs
- Intersection of Deflection, TBI, and Substance Use Disorder Podcast Series



Leading Practices Academy

Components

- -Direct state TA and consultation
- -Six Academy meetings per year
- -Peer-to-peer support
- -Online HUB with resources and community forum
- -Annual Summit

Leading Practices Academy on the Criminal Legal System

Leading Practices Academy on Behavioral Health





Support in Connecting to Local Resources

State Agency on Brain Injury: https://www.nashia.org/stateprogram-directory State Advocacy/ Service Agencies: https://www.biausa.org/find-bia



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Thank you!

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https://csgjusticecenter.org/resources/newsletters/

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This project was supported by Grant No. 15PBJA-22-GK-03568-MENT awarded by the Bureau of Justice Assistance. The Bureau of Justice Assistance is a component of the Office of Justice Programs, which also includes the Bureau of Justice Statistics, the National Institute of Justice, the Office of Juvenile Justice and Delinquency Prevention, the Office for Victims of Crime, and Office of Sex Offender Sentencing, Monitoring, Apprehending, Registering, and Tracking. Points of view or opinions in this document are those of the author and do not necessarily represent the official position or policies of the U.S. Department of Justice.

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