



Center *for*
Rural Health

University of North Dakota
School of Medicine & Health Sciences

<http://medicine.nodak.edu/crh>

North Dakota Traumatic Brain Injury State Partnership Grant Advisory Committee Meeting

October 30, 2007

Sue Offutt, PhD
Susan Wagner, LSW
Brad Gibbens, MPA
Richelle Kruger, BSW

*Connecting resources and knowledge to strengthen
the health of people in rural communities.*

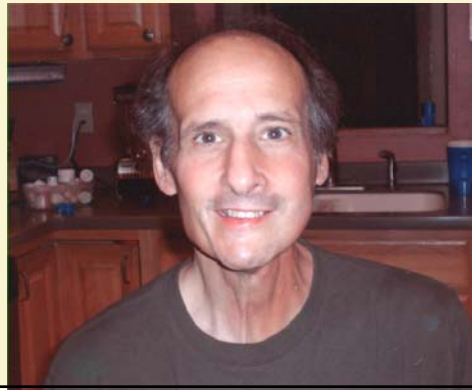


for Rural Health

- Established in 1980, at the University of North Dakota School of Medicine and Health Sciences in Grand Forks, ND
- Focuses on:
 - Education, Training, & Resource Awareness
 - Community Development & Technical Assistance
 - Native American Health
 - Rural Health Workforce
 - Rural Health Research
 - Rural Health Policy
- Web site: <http://medicine.nodak.edu/crh>

In Memory of Dr. Patrick Konewko

- We deeply mourn the passing of Dr. Patrick Konewko, who died on October 18, 2007 after a long and distinguished career in brain injury.
- He will be remembered for his strong commitment to brain injury patients, services and research.
- He was dedicated to serving on this TBI Advisory Committee.



Today's Activities

- TBI Binder of Information
- Agenda
- Lunch of Course!!
- Next Steps

Overview of Needs Assessment

- ND Department of Health contracted CRH
- State Needs and Resource Assessment
- Findings
 - Increase access to information/resources
 - Increased training and education
 - Increased support
 - Shortage of advocates for TBI
 - Lack of individualization of services
- Action Plan

Overview of Partnership Grant



- Background of the Development
 - Organizational Charts
 - Collaboration and Input

PARTNERS



*North Dakota Brain
Injury Association*



TBI Advisory Committee

- Roles and Responsibilities
- Who is Missing?
- Future Meeting Format



Grant Goals and Work Plan

- Sustainability
- Education and Awareness
- Enhancement of Services
- Tribal Issues




Sustainability Goal

- **Goal:** To build a formal presence and infrastructure for the advancement of TBI focused issues
- **Objective:** Develop a TBI Advisory Board




Education and Awareness Goal

- **Goal:** To provide timely information, resources, and education regarding TBI to individuals with TBI, family members, other caregivers, and service and support providers
- **Objectives:**
 - Increase awareness of TBI and build statewide capacity through public and private collaborations
 - Develop a systematic plan to address TBI training needs
 - Develop a resource library on TBI



Enhancement of Services Goal

- **Goal:** To ensure a coordinated system to access and receive services and support for individuals with brain injuries and their families
- **Objectives:**
 - Develop a TBI screening tool process
 - Develop process to address TBI concerns of veterans



Tribal Issues Goal

- **Goal:** To improve access for American Indians with TBI and their families to culturally appropriate information, services, and supports
- **Objective:** Develop a pilot demonstration project on Peer Mentoring



Tribal Support

- Peer Mentoring
 - “Is a process in which an individual who is a “veteran” of a life experience helps another person currently coping with a similar life event and in need of support from a knowledgeable friend.”

Mentoring Partnership Program: Program Manual; Planning and Implementing a Peer Mentoring Program for Individuals with Brain Injury and Their Families. New York, NY



Peer Mentoring Program

- Provides
 - Individuals and their families
 - Alternative form of support during both the early and later phases
- Peer Support
 - Effective buffer for stress
 - Increases one’s sense of personal empowerment and self-efficacy

Mentoring Partnership Program: Program Manual; Planning and Implementing a Peer Mentoring Program for Individuals with Brain Injury and Their Families. New York, NY



Benefits of Peer Mentoring

- More knowledge of TBI
- Better ability to cope
- Improved quality of life

TBI Consumer Report #7: Peer Mentoring. New York, NY



Who is Providing Support Programs?

- Minnesota
- New York
- New Jersey
- Iowa
- California
- Connecticut
- Arizona
- Utah



Current TBI US Statistics

- According to the CDC, of the 1.4 million who sustain a TBI each year in the United States:
 - 50,000 die;
 - 235,000 are hospitalized; and
 - 1.1 million are treated and released from an emergency department.



Current US Statistics

- The leading causes of TBI are:
 - Falls (28%)
 - Motor vehicle-traffic crashes (20%)
 - Struck by/against events (19%)
 - Assaults (11%)
 - Blasts sustained during active military duty
- Since 2001, about 2,100 troops have been formally diagnosed with TBI. But officials estimate up to 150,000 troops may have suffered concussions — mild TBIs — from roadside bomb attacks.



Current US Statistics

- ***Who is at highest risk for TBI?***
 - Male to Female 1.5 to 1
 - Age groups at highest risk for TBI
 - 0 to 4 year olds----Falls
 - 75+----Falls
 - 15 to 19 year olds----MVA, Sports Injury



Current US Unmet Needs

- The CDC estimates that at least 5.3 million Americans currently have a long-term or lifelong need for help to perform activities of daily living as a result of a TBI.
- According to one study, about 40% of those hospitalized with a TBI had at least one unmet need for services one year after their injury.
- The most frequent unmet needs were:
 - Improving memory and problem solving;
 - Managing stress and emotional upsets;
 - Controlling one's temper; and
 - Improving one's job skills.



Awareness and Prevention

- MARCH: TBI Awareness Month
- CDC activities-Fall Prevention
 - New Initiative: “Help Seniors Live Better, Longer: Prevent Brain Injury.”
 - Falls cause this age group has the highest rates of TBI-related hospitalizations and death.
 - CDC is creating promotional material to be used locally to raise awareness.
- Governor proclamation



Awareness and Prevention

- Sports And Recreation Injuries
 - An estimated 1.6-3.8 million sports- and recreation-related concussions occur in the United States each year (CDC).
 - Among children and youth ages 5-18 years, the five leading sports or recreational activities which account for concussions include: bicycling, football, basketball, playground activities, and soccer (CDC).
 - CDC has a free "***Heads Up: Concussion in Youth Sports***" tool kit
 - National Playground Safety Week 2008 is April 21-25, 2008
 - Information packets from the National Program for Playground Safety



Screening and Assessment

- Diagnosis can be difficult even when TBI is apparent
- Misdiagnosis and lack of treatment can exasperate symptoms and prolong rehabilitation.
- Screening information for physicians
 - CDC's Free "Heads Up: Brain Injury in Your Practice" tool kit.



Current Veterans Screening Issues

- Traumatic Brain Injury has been described as the "signature injury" from the war in the Middle East.
- Issues with Diagnosis
 - Symptoms often not reported or not noticed until discharge
 - Not seen as "real" injury
 - Misdiagnosed as Mental Health issue
- Military has added TBI questions to post-deployment assessments and begun pre-deployment mental ability screening.
- Need to collaborate with Veteran's services to offer any needed resources or support



Domestic Violence

- Are victims of Domestic Violence being screened for brain injury?
 - 1.5 million women experience domestic violence each year (National Violence Against Domestic Violence: Annual Report)
 - 30% of battered women seen in an ER reported at least one LOC in the past, with 67% having residual problems that were potentially head-injury related. (Corrigan, 2003)
- There are available screenings and information packets for individuals, family members and professionals regarding TBI as an unrecognized consequences of domestic violence.



Educational System

- Issues:
 - 1.) Lack of coordinated System of Services
 - 2.) “Miscategorization” under IDEA
 - The etiology of a student’s disability may be unidentified or misunderstood
 - When the effects do surface, they maybe diagnosed as a learning disability or emotional disorder
- **Students with TBI THRIVING BEYOND INJURY** done by Ohio TBI grant
- **Brain Injury: A Guide for Educators** available through TBICS
 - Important to have accurate diagnosis
 - Collaborate between school and other TBI services
 - Focus on improving cognitive function and behavioral self-control
 - Students with brain injuries usually require many different learning strategies



Resources and Support

- **Individuals**
 - Family support, Mentoring, Support Groups, Supportive Medical Professionals, and Financial Support
- **Family**
 - Initial support at the hospital, On-going support, and Support Groups



Initial Supportive Information

- Many states offer standardized resource packets designed to give a quick overview of the basic services for people with brain injury.
- Many include:
 - **List of resources**
 - **Support groups**
 - **Advocacy**
 - **Assistive Technology**
 - **Education**
 - **Employment Services**
 - **Financial Assistance and Benefits**
 - **Personal Support/Home & Community-Based Services**
 - **Rehabilitation: Adult, Children**



Next Steps?

- Questions, Comments.....
- Where does this group go from here?



- Brain Injury Association of America
703-236-6000, www.biausa.org
- National Association of State Head Injury
Administrators, www.nashia.org
- TBI Technical Assistance Center,
www.tbitac.org



(cont.)

- Health Resources and Services Administration, Maternal and Child Health Bureau, www.mchb.hrsa.gov
- Center for Disease and Prevention, www.cdc.gov/injury



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For more information contact:

Center for Rural Health
University of North Dakota
School of Medicine and Health Sciences
Grand Forks, ND 58202-9037



Tel: (701) 777-3848

Fax: (701) 777-6779



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