Evidence-Based Resources in Behavioral Health

Native American Behavioral Health Conference
Washington, D.C.
July 26, 2018

Diane Cooper
National Institutes of Health
Audience Survey

Thank you!
Objectives

1. What is “evidence-based information”?

2. How to find evidence-based behavioral health resources

3. How to get to NIH Library for evidence-based resources
Evidence Based Defined

• Evidence based information
  – Conclusions based on best available evidence
  – Evidence needs to be systematically identified, evaluated, selected
Evidence Pyramid

Systematic Reviews

Critically Appraised Synopsis/Synthesis

Randomized Controlled Trials

Cohort/Case-Controlled Studies, Guidelines

Case Reports/Series

Review Articles

Background Information: Textbooks

Amount of Information

Hypertension

Neurologic rare diseases
Evidence-Based Health Process

Steps

1. Define the behavioral health question/problem
2. Search to find the best evidence
3. Critically appraise for validity and relevance
4. Apply the evidence to practice
5. Evaluate the results

EB Resources

1. Systematic Reviews
2. Databases for articles
3. Guidelines
4. Gray Literature
“A review of a clearly **formulated question** that uses **systematic and explicit methods** to **identify, select, and critically appraise relevant research**, and to **collect and analyse data from the studies** that are included in the review.”

**Source:** Cochrane Collaboration (2012). Glossary: Systematic Review.
Systematic Reviews vs Other Reviews

Source: Temple University Libraries. Systematic Reviews and Other Reviews. 2017
<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>Publication Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interventions for preventing or reducing <strong>domestic violence</strong> against pregnant women</td>
<td>Shayesteh Jahanfar, Louise M Howard and Nancy Medley</td>
<td>November 2014</td>
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<tr>
<td>Screening women for intimate partner <strong>violence</strong> in healthcare settings</td>
<td>Lorna O’Doherty, Kelsey Hegarty, Jean Ramsay, Leslie L Davidson, Gene Feder and Angela Taft</td>
<td>July 2015</td>
</tr>
<tr>
<td><strong>Domestic violence</strong> screening and intervention programmes for adults with dental or facial injury</td>
<td>Paul Coulthard, Sin Leong Yong, Linda Adamson, Alison Warburton, Helen V Worthington, Marco Esposito and Mohammad O Sharif</td>
<td>October 2015</td>
</tr>
<tr>
<td>Advocacy interventions to reduce or eliminate <strong>violence</strong> and promote the physical and psychosocial well-being of women who experience intimate partner abuse</td>
<td>Carol Rivas, Jean Ramsay, Laura Sadowski, Leslie L Davidson, Danielle Dunne, Sandra Eldridge, Kelsey Hegarty, Angela Taft and Gene Feder</td>
<td></td>
</tr>
</tbody>
</table>
“native American” AND alcoholism
Article Databases (unfiltered)

- PubMed@NIH
- APA PsychNet
Methamphetamine AND (Native American or American Indian OR Alaska Native)
Article database

   Bogenschutz, Michael P.; Johnson, Matthew W.
   Progress in Neuro-Psychopharmacology & Biological Psychiatry, Vol 64, Jan 4, 2016, 250-258
   http://dx.doi.org/10.1016/j.pnpbp.2015.03.002

2. Comment: Association or causation measures in racial disparities.
   Cruz-Flores, Salvador; Woo, Daniel
   Neurology, Vol 84(10), Mar 10, 2015, 999
   http://dx.doi.org/10.1212/WNL.0000000000001350

   Nakagawa, Kazuma; Vento, Megan A.; Ing, Marissa M.; & Set, Todd B.
   Neurology, Vol 84(10), Mar 10, 2015, 995-1001
   http://dx.doi.org/10.1212/WNL.0000000000001339

4. Stimulant dependence and stimulant-associated psychosis: Clinical characteristics and age of onset in a Native American community sample.
   Gilder, David A.; Gizer, Ian R.; Lau, Philip; & Ehlers, Cindy L.
   http://dx.doi.org/10.1097/ADM.0000000000000039
Guidelines

Medical guideline or Clinical guideline or Clinical practice guideline

“Systematically developed statement to assist practitioner and patient in decisions about appropriate health care for a specific clinical circumstance.” (Institute of Medicine, 1990)
"domestic violence"

NARROW RESULTS

- Meets 2013 Inclusion Criteria (5)
- U.S.-based Organizations (6)

Publication Date

From: 2013  To: 2016

Apply

Target Population Characteristics

- Aged, 80 and over (3)
- Aged (65 to 79 years) (4)
- Middle Age (45 to 64 years) (5)
- Adult (19 to 44 years) (6)

SORT BY: Relevance, Date

SHOW: 20 | 50 | 100

Compare Summaries

GUIDELINE SUMMARY

Responding to intimate partner violence and sexual violence against women: WHO clinical and policy guidelines.

World Health Organization

GUIDELINE SUMMARY

Screening for intimate partner violence and abuse of elderly and vulnerable adults: U.S. Preventive Services Task Force recommendation statement.

U.S. Preventive Services Task Force
Filters activated: Practice Guideline. Clear all to show 43443 items.

Due to technical constraints, your results were generated using the standard Best Match algorithm.

1. Treatment guidelines for healthcare providers' interventions with domestic violence victims: experience from the USA.
   Buel SM.
   PMID: 12429437
   Similar articles

2. Screening for intimate partner violence and abuse of elderly and vulnerable adults: U.S. preventive services task force recommendation statement.
   Moyer VA; U.S. Preventive Services Task Force.
Gray Literature

By government agencies, universities, corporations, research centers, associations and societies, and professional organizations.

Not considered scholarly, but is produced by researchers/practitioners in the field.

- Technical reports
- Pre-Prints
- Fact Sheets
- Standards
- Patents

- Working papers
- Committee reports
- Business documents
- Newsletters
- Government documents

- Technical documentation (e.g., space shuttle)
- Conference proceedings
- White papers
- Symposia
- Bulletins
- Unpublished works
Gray Literature: Conference abstracts

A science database from Institute of Scientific Information

Select a database: Web of Science Core Collection

Basic Search

methamphetamine AND native american

13. Face Aging Predictive Model due to Methamphetamine Addiction
By: Farazdagi, Elham; Nait-Ali, Amine
Conference: International Conference on Bio-engineering for Smart Technologies (BioSMART) Location: Dubai, U ARAB EMIRATES Date: DEC 04-07, 2016
Sponsor(s): IEEE UAE Sect; IEEE; Amer Univ Dubai, Sch Engn; Univ Paris Est Creteil Marne; Web Sci; TELECOM SudParis; Inst Mines Telecom
2016 INTERNATIONAL CONFERENCE ON BIO-ENGINEERING FOR SMART TECHNOLOGIES (BIOSMART) Published: 2016

14. An Evaluation of Impulsive Choice and Trait Impulsivity in Drug Abusers
By: Kong, Yan; Zhang, Jian-xin
Conference: IEEE International Conference on Industrial Engineering and Engineering Management (IEEM) Location: Singapore, SINGAPORE Date: DEC 06-09, 2015
Sponsor(s): IEEE Singapore Section; IEEE TEMS Singapore Chapter; IEEE TEMS Hong Kong Chapter; CMES, Chinese Ind Engn Inst; Guangdong Unv Technol

15. 3D measurements of live cells via digital holographic microscopy and terahertz spectroscopy
By: Park, Jun Yong; Oser, Dorian; lapiuzzo, Peter; et al.
Conference: International Conference on Biomedical Engineering (ICBME) Location: Cancun, MEXICO Date: JUL 04-07, 2016
Sponsor(s): IEEE; biomed engineering society; U. Cancun
2016 IEEE INTERNATIONAL CONFERENCE ON BIOMEDICAL ENGINEERING (ICBME) Published: 2016
1 result for domestic violence AND american indian

Title: Violence against American Indian and Alaska Native women and the criminal justice response: what is known

Publisher: United States. National Institute of Justice

Date of Publication: 2008

Electronic Resource: Full Report Online
Violence Against American Indian and Alaska Native Women and the Criminal Justice

Response: What is Known*

By

Ronet Bachman¹
Heather Zaykowski¹
Rachel Kallmyer¹
Margarita Poteyeva¹
Christina Lanier²

¹ Department of Sociology and Criminal Justice, University of Delaware
² Department of Sociology and Criminal Justice, University of North Carolina, Wilmington

*This project was supported by Contract #1705-219 awarded by the National Institute of Justice, Office of Justice Programs, and U.S. Department of Justice. Findings and conclusions of the research reported here are those of the author(s) and do not necessarily reflect the official position or policies of the U.S. Department of Justice.
Using Google to Find Gray Literature
Gray Literature: Government resources

• Google search
  – site:gov methamphetamine “Native American”

[PDF] Native American Center for Excellence Environmental ... - SAMHSA
on prevention, NACE supports tribal and other Native American prevention efforts through Native communities are targeted for methamphetamine sales and ...

Collaborating with Native Americans and Alaskan Natives | The White ... 
Launched in early 2008 and continuing today, the Anti-Meth Campaign emphasizes Native American culture and pride through print, radio, and television ads.

Methamphetamine and Suicide Prevention Initiative | Indian Health ...
https://www.ihs.gov/mspi/
Native American teens running, Two people in silhouette holding hands in the air, two ... The Methamphetamine and Suicide Prevention Initiative (MSPI) is a ...

[PDF] American Indian/Alaska Native Behavioral Health Briefing Book
https://www.ihs.gov/newsroom/includes/themes/.../AIANBHBriefingBook.pdf
The Spread of Methamphetamine in Indian Country ... The course is called, —The Native American Cultural. Curriculum,II and it provides education on AI/AN ...

H.R.545 - 110th Congress (2007-2008): Native American ...
Native American Methamphetamine Enforcement and Treatment Act of 2007 - Amends the Omnibus Crime Control and Safe Streets Act of 1968 to include ...

H. Rept. 110-35 - NATIVE AMERICAN METHAMPHETAMINE ...
Part 1 of House report on NATIVE AMERICAN METHAMPHETAMINE ENFORCEMENT AND TREATMENT ...
Gray Literature: Academic resources

- Google search
  - site:edu methamphetamine “native American”

Protocol Information: CTN-0033-0t-2 - Methamphetamine Use and ... 
lib.adai.washington.edu/ctnlblib/protocols/ctn0033ot2.htm ▼
Methamphetamine Use and Treatment in Native American Communities in the Southwest. Alyssa Forcehimes, PhD. Michael Bogenschutz, MD

Methamphetamine: Where Does It Fit in the Bigger Picture of Drug Use ... 
lib.adai.washington.edu/ctnlblib/protocols/ctn0033ot3.htm ▼
Exploratory and pilot studies will be conducted to develop collaborations with tribes and Native American treatment programs in the Northwest and to explore the ... 

[PDF] examining correlates of methamphetamine and other drug use in ... 
www.ucdenver.edu/.../17(1)_Barlow_Examining_Correlates_Methamphetamine_Use.... ▼
by A Barlow - Cited by 19 - Related articles
Increasing use of methamphetamine (meth) among adolescents in the U.S. is a ...... Care of the Native American woman: Strategies for practice, education, and.
Gray Literature: Organizational resources

• Google search
  – site:org methamphetamine “Native American”

Methamphetamine | Iowa Department of Public Health - Your Life Iowa
https://yourlifeiowa.org/drugs/methamphetamine
Methamphetamine is a seriously addictive stimulant and is most commonly a white, ... An anti-methamphetamine ad campaign for a Native American audience.

Fueled by drugs, sex trafficking reaches 'crisis' on Native American ...
news.trust.org/item/20160517110324-nvs5q/
May 17, 2016 - Fueled by drugs, sex trafficking reaches 'crisis' on Native American ... The rate of meth use among American Indians is the highest of any ...

INDIAN METH USERS Beware "My Name is Meth" Methamphetamine ...
www.californiaindianeducation.org/health_medical/indian_meth.html
The following anti-drug poem is said to have been written by a young Indian girl who was in jail for drug charges and was addicted to meth. She wrote it while in ...

A 'One Sky' approach to addressing meth in Indian communities ...
https://www.hazelden.org/web/public/ade080804.page
An alarming rise in methamphetamine (meth) use among Native American communities, fueled in large part by Mexican drug cartels, has led to increased drug ...

Methamphetamine and Suicide Prevention Initiative for American ...
https://drugfree.org/.../methamphetamine-and-suicide-prevention-initiative-for-ameri...
Jul 15, 2009 - Methamphetamine and Suicide Prevention Initiative for American ... use and suicide among American Indians and Native Americans ...
How to Access the resources

IHS staff: Login using your HHS PIV card

Tribal staff: Submit a request for an account. Your request will be approved by IHS and access instructions emailed within 2-3 business days.

https://www.nihlibrary.nih.gov/IHS
• **Journals** – desktop access to over 14,000 scholarly journals, most back to volume 1

• **eBooks** – 75,000+ scholarly eBooks online and fully searchable (clinical and biomedical subjects)

• **Databases** – Nearly 200 searchable reference databases including Micromedex, UpToDate, PubMed@NIH, Scopus, & Web of Science

• **Research Tools** – high-performance workstations, analysis tools and databases for data analysis and gene work
## Indian Health Service (IHS) Log In page for the HHS Digital Library

**IHS staff:** Login using your HHS PIV card or credentials below.

**Tribal staff:** [Submit a request for a new account](#). Your information will be reviewed, and you will be emailed in 2-3 business days with updated information about your request.

## Indian Health Service (IHS) Agency & Tribal Staff Access (Please select your region):

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<tr>
<th>AGENCY PIV CARD / CREDENTIALS</th>
<th>NON PIV LOG IN</th>
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<tr>
<td>Headquarters PIV/credentials</td>
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<td>Alaska Region PIV/credentials</td>
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<td>Albuquerque Region PIV/credentials</td>
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<td>Navajo Region PIV/credentials</td>
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Articles not found in online library

Request any article and documents not found in the online collection

Self-service registration

NIH Library
nihlibrary.nih.gov

Enter your user information below. Then press the Logon to ILLiad button to continue to NIH Library Article and Book Ordering System.

**Interlibrary Loan Login**

**Username**

**Password**

[Logon to ILLiad](#)  *First Time Users click here*

Forgot Password?
Summary

- Pyramid
- Filtered
- Other sources
- Library
Clinical and biomedical information services

NIH Librarian for IHS

Diane Cooper
diane.cooper@nih.gov