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Academic Health Sciences Libraries' Outreach and Engagement with Native American Communities: A Scoping Review

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Academic Health Sciences Libraries' Outreach and Engagement with Native American Communities: A Scoping Review

Allison Cruise, A. Nydia Villezcas, Jonathan D. Eldredge, Alexis
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Introduction

- HSLIC is dedicated to providing **empowering programs** which champion **inclusivity, equity and accessibility**
- We seek to engage with communities across New Mexico in **intentional, culturally appropriate** ways which promote health equity by addressing **disparities** in health information access



Introduction

- This scoping review was planned to support these efforts
- The review focuses on AHSL outreach to Native American populations, which make up 11% of New Mexico's total population



Objective

- Identify trends and themes in how academic health sciences libraries (AHSLS) have supported community engagement and outreach with Native American communities
- Learn about and share culturally relevant effective practices.



Methods



Scoping Review

Arksey & O'Malley framework

- identifying the research question
- identifying relevant studies
- study selection
- charting the data
- collating, summarizing and reporting the results



Research Questions

- **Intervention types:** What types of interventions are used by AHSs when engaging with Native American communities?
- **Public participation:** What is the level of public participation reached in these outreach/engagement interventions? What partnerships are established?
- **Effective practices:** What effective practices emerge from these interventions?



Inclusion/Exclusion Criteria

Inclusion

- **Participants** Native Americans located in North America, including US, Canada and Mexico
- **Concept** Community engagement and outreach programs
- **Context** Academic Health Sciences Libraries in US, Canada or Mexico performing community engagement or outreach activities to Native American populations

Exclusion

- CE or outreach programs led by general academic libraries; hospital; association or government libraries
- CE or outreach programs with academic health sciences librarians as a participant, but not led by an academic health sciences library
- Internal diversity training and practices
- Outside designated geographic areas, or if the population included is not from North America



Information Sources

- Bibliographic databases
 - MEDLINE via Ovid
 - Education Research Complete (EBSCO)
 - Academic Search Complete (EBSCO)
 - LISTA (EBSCO)
 - LISA (ProQuest)
 - ERIC (ProQuest)
 - E-LIS
 - LILACS
- Grey literature
 - Conferences (MLA, MLA Chapters, CHLA, PIALA, ACURIL, HLA)
 - NNLM blogs
 - NNLM archival content
 - Email (BRLA, MEDLIB-L, SCC/MLA, AAHSL, NMLA, ACRL HSIG, MLA Latinx Caucus, CanMEDLIB, CEA Ambassadors)



Information Sources

- Journal tables of contents (10 years)
 - JMLA, Medical Reference Services Quarterly, Journal of the Canadian Health Libraries Association, Journal of Consumer Health on the Internet
- Web sites
 - AMBAC- Asociación Mexicana de Bibliotecarios, A.C. (Spanish)
<http://www.ambac.org.mx>
 - Reforma – The National Association to Promote Library & Information Services to Latinos and the Spanish Speaking (English/Spanish)
<https://www.reforma.org/>
- Interviews and personal contacts
 - Standard questions
- Iterative approach
 - Additional sources identified, added!



Search strategies

- Bibliographic databases
 - Campbell, SM. Filter to Retrieve Studies Related to Indigenous People of the United States from the OVID Medline Database. John W. Scott Health Sciences Library, University of Alberta. Rev. Sept 19, 2021.
https://docs.google.com/document/d/118tP1FvgQ1hRROjl1QroLjM-u8WN_uS6Nafis6s37jk/edit
 - English and Spanish terms
- Grey literature and other information sources
 - Simple searches (i.e., “native”, “tribal”)
 - English and Spanish terms



((academic adj5 librar*) or information professional* or (health science* adj5 librar*) or health librar* or medical librar* or science librar* or hospital librar*).mp. or exp libraries/ or librarians/ or library science/ or library services/ or librar*.ti,ab,kw.) AND (Indigenous People/ or American Indian/ or Canadian Aboriginal/ or Eskimo/ or Inuit/ or Indigenous Health Services/ or exp Indians, North American/ or ("A' ani" or Absaroka or Haaninin or Atsina or "Gros Ventre" or Acopsel or Tlacopsel or Lacopsel or Ahtna or Ahtena or Akenitsi or Occaneechi or Akokisa or Horcoquiza or Orcoquizas or Aleut or Unangax or Unangan or Alibamu or "Alabama Alesia" or Alutiiq or Sugpiag or Amahami or Awaxawi or Androscoggin or Arosaguntacook or Ameriscoggin or Anishinaabeg or Chippewa or Anihsinape or Saulteaux or Apalachee or Aranama or "Texan Coahuilteca" or Tamique or Arikara or Sahnish or Arickaree or Adakadaho or Assiniboine or Hohe or Nakota or Nakoda or Nakona or "Atsa' Kudok-wa" or Awatixa or Bannock or "Snake Indian*" or Bidai or Quasmigdo or Biloxi or Blackfoot or Niitsitapi or Sikasikaitsitapi or Cahto or Kaipomo or Cahuilla or Ivilyuqaletem or Ivilyuat or Catawba or Inna or Iswa or Chemehuevi or Chickasaw or "Chilula Chimakum" or Aqokulo or Chimariko or Chiricahua or Tsokanende or Chitimacha or Chetimachan or Sitimacha or Chowanoke or Roanoke or Chumash or Ciboney or "Taino Ciwat" or Clatsop or Coos or Coosa or Uchis or Chiaha or Coste or Talisi or Coquille or Kokwell or Coso or Cowlitz or Taitnapam or "Crow Nation" or "Cui Ui Ticutta" or Cupeno or Kuupangaxwichem or Cupa or "Cup' ig" or Nunivak or "Dakota Oyate" or Lakota or Nakota or Santee or Teton or Sioux or Deadose or "Deg Xina" or "Deg Xit' an" or Kaiyuhkhotana or "Deg Hit' an" or "Dena' ina" or Tanaina or "Dichinane' Hwt' ana" or "Upper Kuskokwim Athabaskan*" or Kolchan or Goltsan or "Tundra Kolosh" or "Do Ikabya" or Duwamish or Esselen

Full search details available at:

<https://doi.org/10.17605/OSF.IO/5RSC6>

Database search details at:

searchRxiv



Screening

- Used Covidence for bibliographic databases
 - Screened titles/abstracts and full text in duplicate
- Search/browsed grey literature
 - Used Google spreadsheets for capturing, screening
 - Screening done by one, verified by one or more reviewers



Data Extraction

Year

Title

Author(s)

Project

DOI or URL

Names of involved organizations

Organization Types

Geographic Location(s)

Tribe name if available

Other population characteristics

Type of intervention/program

Project funding source(s)

Length of project

Results

Was evaluation done?

If evaluation was present, how was it done?

IAP2 Categorization

Type of health issue addressed



International Association for Public Participation (IAP2)

<https://www.iap2.org/>

Inform

Consult

Involve

Collaborate

Empower



Results

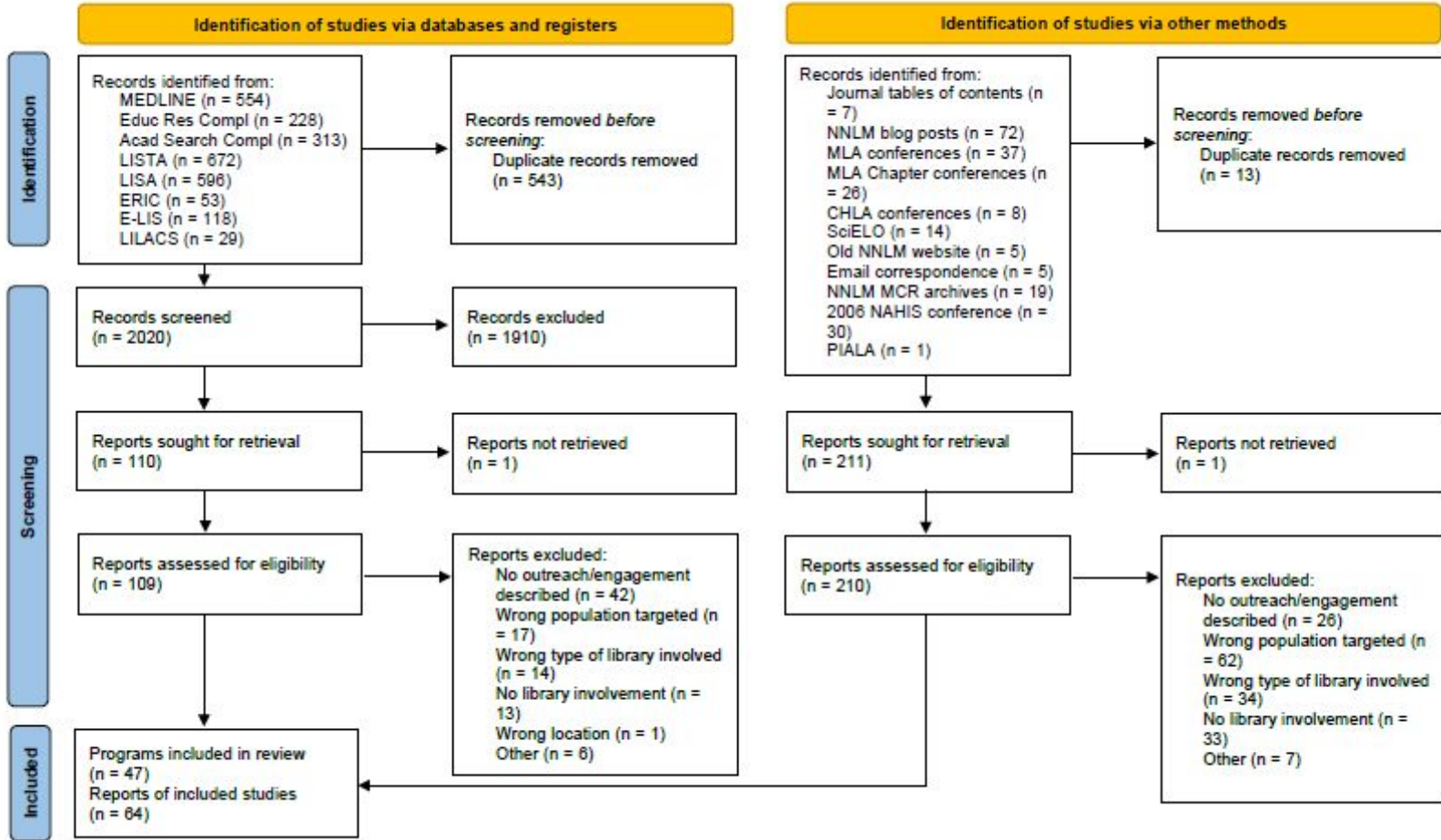


Items identified
2,787

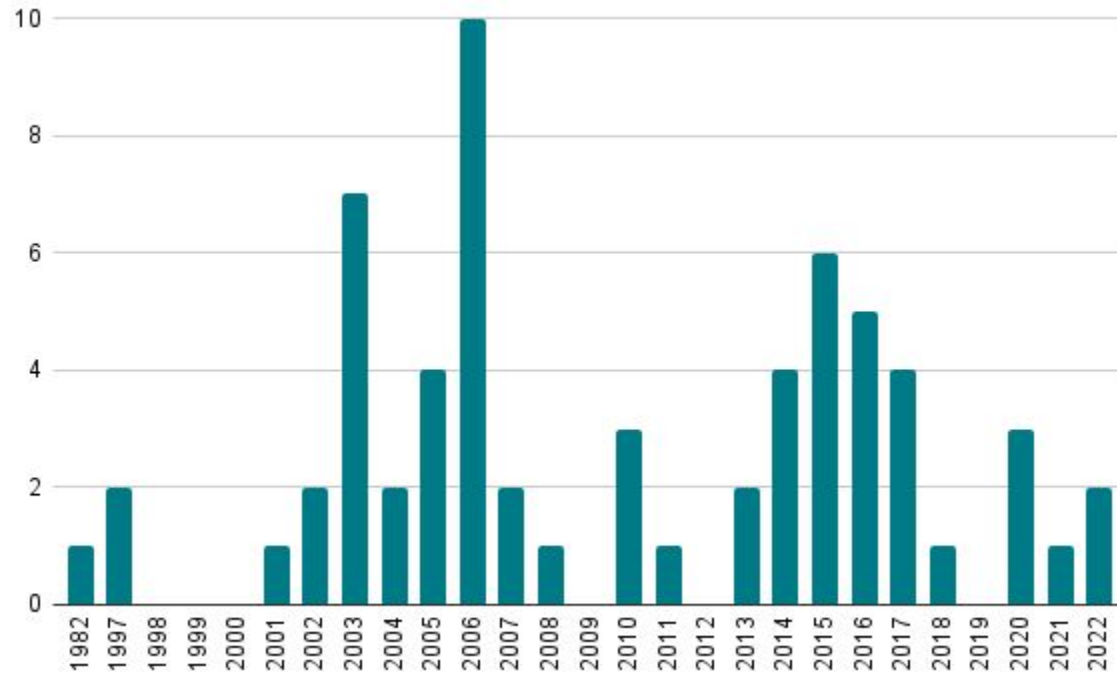
Full text screening
321

Items included
64

Programs included =
47



Years of Publication



Top 5 Types of Partner

Governmental organization, federal	20
Governmental organization, tribal	12
Library, federal	11
Non-governmental organization/non-profit organization, national or international	9
Academic department, same institution	8



Type of Intervention

Training	27
Collection development	8
Website	7
Exhibit	7
Technology purchased	6

26 total types of intervention



Projects on the IAP2 Spectrum

INFORM

CONSULT

INVOLVE

COLLABORATE

EMPOWER

25

6

10

5

1



Discussion

- Most outreach/community engagement is done at the lowest level of public participation
- Most interventions involve training
- Websites no longer major outreach type



Discussion

- Very little published; most content was ephemeral and lacked detail
- Evidence of outreach/engagement projects missing
 - Websites don't exist
 - Working groups/steering committees no longer meeting



Discussion

- Without major, dedicated funding from NLM and NNLM, opportunities for outreach are local and short-term
- Native Voices gave incentive to AHSs to create collaborations and partnerships



Discussion

- Funders' reliance on 1-2 year projects makes deep engagement impossible and goes against best practices



Next Steps

- Interviews
- Additional analysis of themes and effective practices



References and Resources

- Protocol: <https://osf.io/pnbke/>
- Hilary Arksey & Lisa O'Malley (2005) Scoping studies: towards a methodological framework, International Journal of Social Research Methodology, 8:1, 19-32, DOI: [10.1080/1364557032000119616](https://doi.org/10.1080/1364557032000119616)
- Campbell, SM. Filter to Retrieve Studies Related to Indigenous People of the United States from the OVID Medline Database. John W. Scott Health Sciences Library, University of Alberta. Rev. Sept 19, 2021.
https://docs.google.com/document/d/118tP1FvgQ1hRROjI1QroLjM-u8WN_uS6Nafis6s37jk/edit
- OSF Project web site: <https://doi.org/10.17605/OSF.IO/R52KZ>



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Thank you! Questions?

Contact us at:

- Allison Cruise:
[linkedin.com/in/allisoncruise/](https://www.linkedin.com/in/allisoncruise/)
- Melissa Rethlefsen: [@mlrethlefsen](https://twitter.com/mlrethlefsen)

Learn more at:

<https://doi.org/10.17605/OSF.IO/R52KZ>

