



Scaling up evidence-based practices in AIAN communities: Measuring fidelity and impact when EBPs are grounded in culture

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**The Way Forward II:
Cultural Adaptation and Implementation Fidelity**

November 3, 2015

Questions to think about

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- What does culture have to do with taking practices to scale in tribal communities?
- How is fidelity measured after culture is included?
- How is impact measured in the context of AIAN communities?
- Is this putting culture in a box?



What does culture have to do with taking practices to scale in tribal communities?

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- Many tribal communities insist on including culture in interventions
 - Whether or not it's “effective”, it is necessary
- Cultural has the potential to increase the effectiveness of intervention
 - Cultural components **enhance** effects of intervention
 - Cultural components **activate** the intervention
 - Culture **is** the intervention
 - All of these effects can result from increased relevance of an intervention when culture is integrated and from enhanced motivation on the part of participants to engage in a culturally relevant intervention.

Questions to be asked when culture is to be incorporated into an evidence-based practice*

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How will culture be included in the intervention?
(operationalization)

How will culture as incorporated in the intervention change outcomes?
(theory of change)

How is culture defined?
(conceptualization)

How will fidelity to the cultural intervention be confirmed?
(implementation)

EBP +
Culture

What outcomes are important in the cultural context?
(operationalization)

How will outcomes be measured in culturally-appropriate ways?
(measurement)

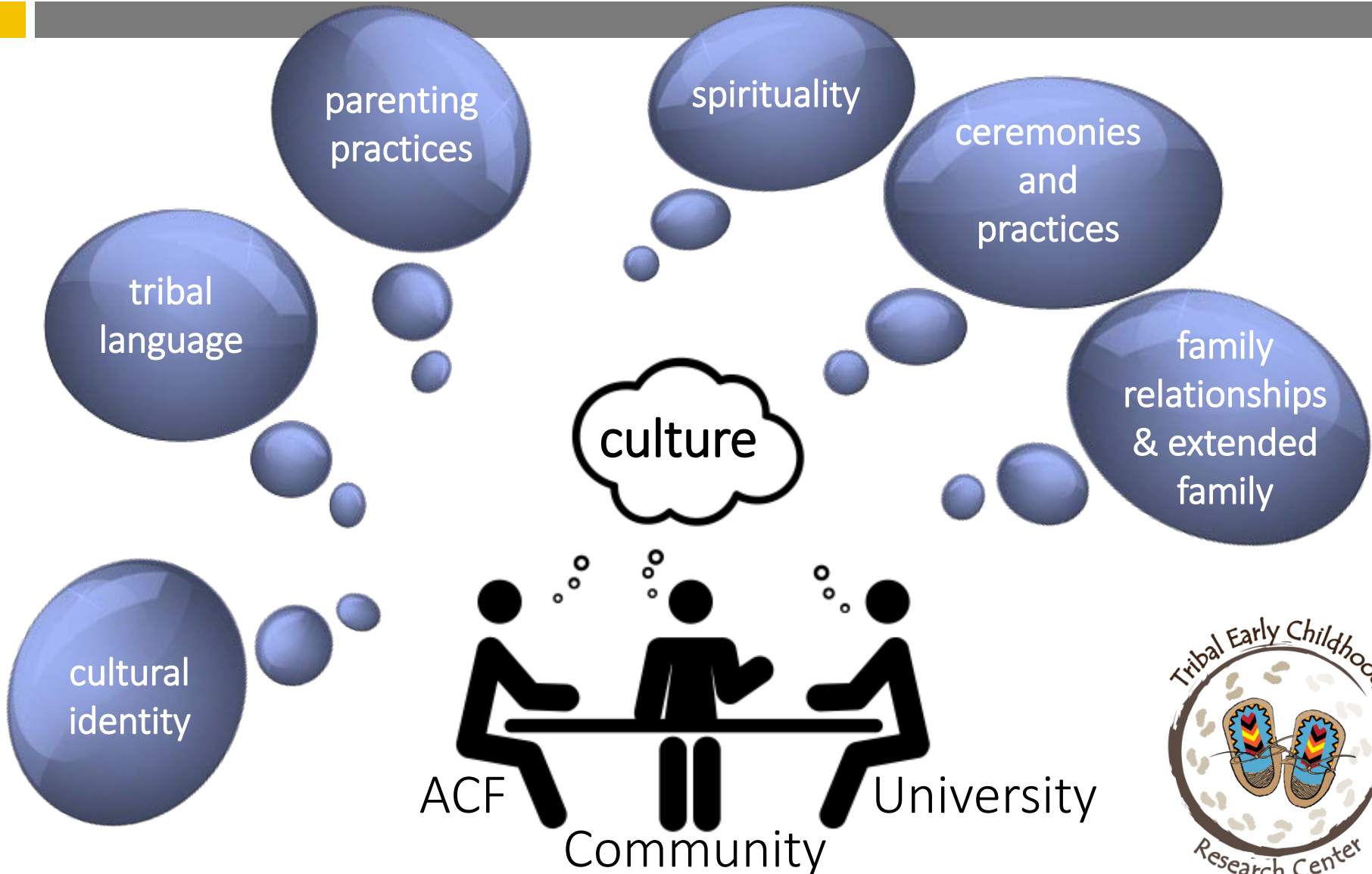
How will culturally-relevant outcomes be measured?
(measurement)



*many relevant to measurement

What IS culture?

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How is fidelity measured after culture is included?

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Fidelity to core components in an EBP

- How do core components look different when translated to local context and culture?
 - Are they implemented differently?
 - Are there differences in the details?

Fidelity to core cultural components

- What are the core cultural components?



How is impact measured in the context of AIAN communities?

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- Outcomes that are culturally relevant
 - Effectiveness is not effectiveness if no one in the community cares about the outcomes
- Outcomes that are measured in culturally appropriate ways
 - If the data gathered are not trustworthy, impact cannot be assessed
 - Demonstration of reliability and validity for this population is critical
- Culture as outcome?

Ensuring outcomes are culturally relevant and valid

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Engage communities to identify the right outcomes to measure.

Engage communities to design measures that assess outcomes in a culturally-valid ways.

Ensuring outcomes are culturally relevant and valid

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- ❑ Outcomes that are culturally relevant:
 - ❑ Ensure culturally-appropriate measurement that is reliable and valid for this population
- ❑ Outcomes that are measured in culturally appropriate ways:
 - ❑ Operationalize important outcomes
 - ❑ Identify or create reliable and valid measures for these outcomes
- ❑ Culture as outcome?
 - ❑ Can we define and operationalize culture – so it can be measured?
 - ❑ Should we?

Is this putting culture in a box?

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- Western model for indigenous concepts?
- Reductionistic?
- Invasive?
- Possible?
- Are there useful ways to articulate culture in interventions and in outcomes – and useful ways to measure it to determine how it is being implemented and what effects it is having?

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Tribal Early Childhood Research Center

www.tribalearlychildhood.org



Native Children's Research Exchange

www.ncreconnect.org

