



rural activation and
innovation network

NSF DRL #1612555

Welcome!



**Thank you for
participating in this
Regional
Empowerment
Collaborative.**

**Kalman Mannis
Project Director**

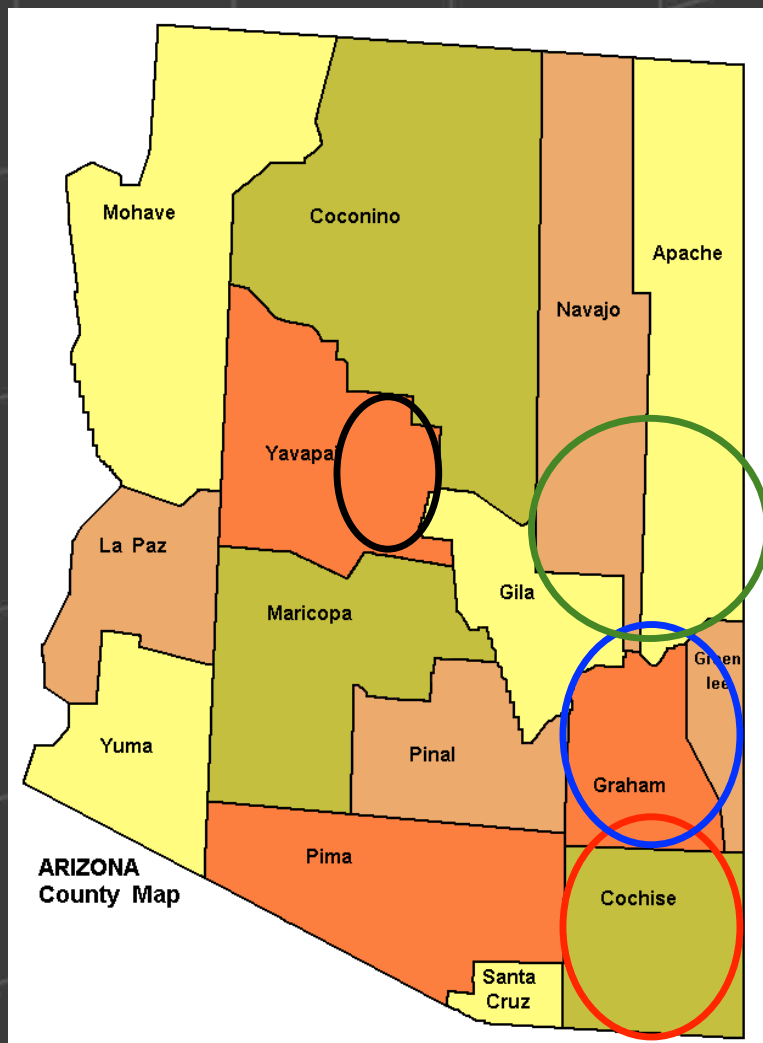
**Dr. Rob Robertson
VP Leadership and
Learning, ASC**



Insight into the Grant

- Provides an opportunity to study, promote, and engage rural communities.
- Provides a much needed database of best practices for reaching this population.
- Represents seminal and foundational work in the area of Rural Informal Science Education (ISE).

Rural Innovation Council Sites



- Southeast Arizona: Cochise County
– *RIC Champion:*
Dr. Ronda Frueaff
- Eastern Arizona: Graham & Greenlee Counties
– *RIC Champion:*
Dr. Phil McBride
- Northeastern Arizona: Southern Navajo & Apache Counties
– *RIC Champion:*
Susan Rodriguez
- Western Arizona: Verde Valley of Yavapai County
– *RIC Champion:*
Diane Joens

Guiding Questions



1. How rural communities currently perceive, access, and engage in ISE learning?

2. What is the extent to which these communities identify themselves and their communities in relation to STEM?

Guiding Questions

3. What is the extent that relevant, place-based networks can increase public awareness of local STEM assets, resources, and opportunities?

4. How do networks can foster a STEM related identity at the personal and community level?



Research of RAIN and RIC success

ASU Research

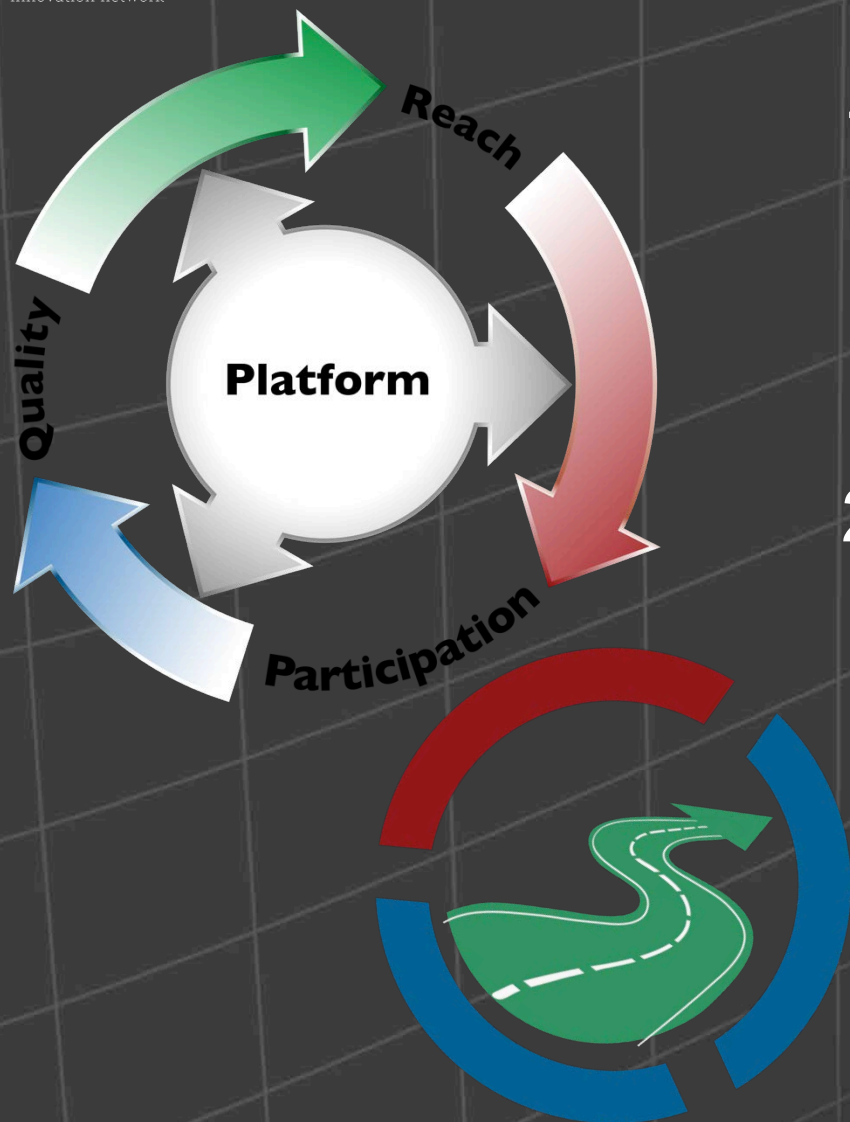
- Asset Mapping and Community Context
- Individual STEM Identity, Interest, and Motivation in Rural Communities
- Entry Points for ISE engagement in Rural Communities

Lifelong Learning Group

- Community-Based STEM Identity and Perceptions
- How Rural Communities perceive and connect to STEM in their regions
- Social Networks and STEM in Rural Communities

Envisioned Role of the Rural Innovation Council (RIC)

- Encourage a change in local identity in relation to the value of STEM learning
- Guide an understanding of the value of STEM learning on the local economy
- Create a scope of work that engages community resources and expertise
- Build a research base on best practices to engage and empower communities to use STEM as the basis for change.



RIC Engagement

1. Each RIC will develop a set of artifacts to help guide their region's Strategic and Budget Implementation plan
2. Artifacts will include:
 - a. Asset Map
 - b. Needs Identification
 - c. Strategic Plan
 - d. Budget Plan
 - e. Media Plan

Targeted Participatory Events (TPE)

- RICs will support locally developed TPEs with an eye on sustainable events
- TPEs can include: development, support, or expansion of local ISE projects, experience, events, competitions, etc.
- The grant efforts are looking for the uniquely innovative capabilities of rural populations.



Year 1 Time line

Initial Meeting Ideas January - April 2017

- Norms and meetings dates for 2017
- Regional Goals and Objectives
- Regional Needs and Assets Map *
- Grant protocols and form development
- Advertising and communication - community, governments, non-profits, K16
- Strategic planning to reflect community needs/assets

** N/A map will serve as the initial artifact and working document for the region. This map will be shared at the first RAIN Makers Gathering in April*

Year 1 Time line

RAIN Annual Retreat April 21 & 22, 2017

Year 1 - White Mountains, Pinetop, AZ

2 day collaborative series with members from each of the 4 RICs, State RAIN Board, Research Team, and Grant Administration Team.

- Expectations of the retreat
- Clarification of goals and objectives of the grant
- Development of a draft strategic plan
- Aligning budget to strategic plan
- Development of a public relations and social media plan
- Discussion on how to gauge success
- Collaborative work on network development and community outreach

Year 1 Time line

May - September 2017

- Dynamic mapping of needs/assets
- Maps informed strategic plan to help fill needs gaps
- Granting paperwork and protocols ready and distributed
- Public Relation plan Implementation started
- Working group members volunteer - at least 1 event not of their own.



RAIN Senior Project Personnel

Kalman Mannis
RAIN Project Director

Dr. Jeremy Babendure
ASU/AZTech Council
RAIN Primary Investigator

Dr. Rob Robertson
Arizona Science Center
RAIN Project
Development

Dr. Andi Furlis
Arizona Science Center Chief
Learning Officer

RAIN Grant Research and Evaluation Team

Dr. Jim Middleton
ASU Professor of
Engineering and
Mathematics

Jill Stein
Life Long Learning Group

Dr. Karen Peterman
Peterman Evaluations

Dr. Eric Jones
University of Texas
Houston Medical
El Paso



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Rural Activation and Innovation Network Collaborators

karen peterman
CONSULTING

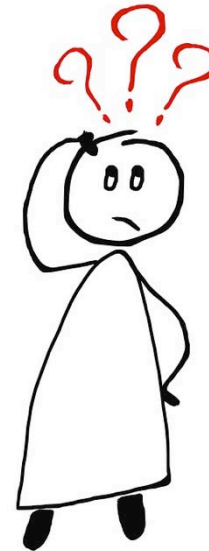


CENTER FOR RESEARCH
AND EVALUATION

Lifelong Learning Group



National Science Foundation
WHERE DISCOVERIES BEGIN



For details on the activities of your Rural Innovation Council (RIC):



Dr. Ronda Frueauff

RIC Champion

SEAZ - Cochise County

frueauffr@cochise.edu

<phone number>

For Details on the activities of your Rural Innovation Council

Dr. Phil McBride
RIC Champion
EAZ - Graham/Greenlee

phil.mcbride@eac.edu
<phone number>



For Details on the activities of your Rural Innovation Council



Susan Rodriguez
RIC Champion
NEAZ - Southern Navajo/Apache

steamingaheadwithsusan@gmail.com
<phone number>



For Details on the activities of your Rural Innovation Council

Diane Joens
RIC Champion
*WAZ - Verde Valley of Yavapai
County*

dianejoens@outlook.com
<phone number>

For Details on Rural Activation and Innovation Network



Kalman Mannis
RAIN Project Director
mannisk@azscience.org
928-245-2839