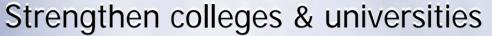


Resonating Opportunities?

- Localities/cultures need to prepare for environmental change/events, often with instrumentation challenges
- <u>Diverse</u> colleges/universities potentially can help meet those needs...
 - ... although instrumentation education at colleges/universities needs strengthening
- Good models exist (COMET, Unidata...) for supporting new practices in higher ed

Tentative Long-term Goal

(for a possible new project)



- many of which serve underrepresented populations to help communities address geoscience-related topics
- of critical importance (as determined by community involvement)

using a 3-pronged approach that integrates

- 1. Education
- 2. Observational research
- 3. Capacity building

Preliminary Vision (Outcomes)

- Colleges & universities gain support for

 - research & application
 - of geoscience-related subjects that
 - □ have local, regional, community-specific or commerce-specific relevance
 - require innovative instrumentation or specialized data streams
- Early concept testing in underrepresented communities/institutions → leadership

Your Input Needed -

- To correct assumptions & premises
- To assess potential importance
- To identify effective partners
 - □ Organizations
 - **T** Communities
 - □ Individuals
- To find a better acronym than CROUNE!

Do <u>You</u> Agree with My Assumptions/Premises?

- "Communities" will seek (observational) scientific help as they anticipate environmental threats
- Colleges/universities have (much of) the capacity required to offer such help
- Providing such help can & should be <u>linked</u>
 - □ To improvements in instrumentation education
 - To increasing diversity in the geosciences
- Colleges/universities will be most successful in this if <u>supported</u> as in Unidata, COMET/MetEd...

Which Are (Most) Important?

- Proof-of-concept (leadership) at universities
 /colleges serving underrepresented groups
- <u>Central</u> support for colleges/universities to
 - teach instrumentation/observation in a context with local, regional or community-specific importance
 - directly involve the affected communities
 - network with peers on these matters
- Empowering society to deal with climate change, natural hazards, etc.

 - □ Workforce development
 - □ (Entrepreneurial) capacity building

Can You Identify Key Players?

- Communities wanting/needing to prepare for environmental changes or events
 - □ Cities?
 - □ Regions?
 - ☐ Tribal groups?
 - Business sectors?

 Business sectors?

 Business sectors?

 Business sectors?

 Business sectors?
- Academic connections to the above
 - Institutions?
 - □ Individuals?

Suggest a Better Acronym!

(CROUNE ~ Community-Relevant Observation and Understanding of the Near Environment)

- I welcome all ideas/suggestions re
 - □ A project acronym
 - Articulation of the project concept
 - The choice to emphasize instrumentation education and under-represented groups
 - □ Organizations/individuals to enlist as
 - □ Early adopters, testers of prototypes, etc.
- Contact: <u>fulker@ucar.edu</u>