Knowledge Integration across Disciplines

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This afternoon

- Goals and Objectives
- Project Logic Models
- Hands-on: Goals and Logic Modeling
- Group reflection: Evaluating Projects

GOALS

- Purpose of the project

- Related to a problem statement

- Results expected if the project is successful

EXAMPLE:
Problem statement: Scientists have difficulty integrating disparate data for their research
Goal: Create new, knowledge-based cyberinfrastructure to enable scientists to integrate data more efficiently through a workflow system
Expected results: Scientists will be able to semantically link their data to the workflow system which will automatically integrate it

Objectives

- Specific steps that will lead to completion of the goals
- Keep the project moving forward on track

S	Specific	EXAMPLE
M	Measurable	Objective 1: Identify, understand, and clean three representative datasets within one month that can be used as benchmarks for developing and testing the new CI
A	Achievable	
R	Relevant	
T	Time-bound	

Note: This objective requires both technical and domain expertise

Tips for writing SMART objectives

Specific	- Define what you expect - Determine who will do it - Detail accountability - Use action verbs, expressing physical or mental action, as much as possible - Provide enough detail - this depends on the objective but should be enough to be clear
Measurable	Identify how you will know objective was accomplished – usually this means quantity but can also be quality (for instance, "80% of participants agree or strongly agree on the feedback form")
Attainable	- Make sure you have the time, manpower, resources, and authority to accomplish the objective - Consider if there may be factors beyond your control
Relevant	- The objective helps you meet the purpose of the grant - The objective is aligned with the Community Readiness Assessment scores
Time bound	- Specify when the objective should be completed - Include time-lined benchmarks for long-range goals and all objectives

LOGIC MODELS

Goals and Logic Modeling

1. Team break out rooms
2. Start with your ending visual that you co-created in your team yesterday afternoon
3. Revise & update the visual if needed to be sure everyone agrees on how their research can be linked (10 minutes)
4. Write a project goal, with SMART objectives. Use the template. (20 minutes)
5. Do a logic model. Use the template. (20 minutes)
6. Return to the Zoom main room.

Remember – turn taking and active listening!