OppNet Basic Behavioral & Social Science
Opportunity Network

Brainstorming scientific opportunities:
Synthesis on topics
Decision Making

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The Challenge

- **Context and Culture – central, but need definitions and operationalization**
- **Meaning and Narrative – need definitions**
- **Understanding the causal process**
  - **Example: Initiating the decision**
- **Mechanisms**
  - **Do we have the right scales to measure?**
  - **Are we addressing causal relationships?**

The Opportunity

- **There are different types of decisions**
  - **Different theories apply**
  - **How do we differentiate decision types?**
- **How can model animals best inform decision making?**
  - **Example: Risk taking**
  - **Bi-directional flow of theory/explanation**

What does this concept provide that is lacking or needed to advance the field?

- **Numeracy – fundamental theoretical issues**
- **Risk Taking/Risk Perception**
  - **Dynamics and temporal issues**
- **Methodology, Measurement, and Modeling**
- **Value-based rationality of decision making**
  - **Sacred values, moral reasoning, emotional decisions, decisions under impairment, etc.**