

**Moving Forward:** How can the sciences, especially human and behavioral sciences, support communities in overcoming and preventing climate change

# Grow our thinking and culture

“the locus of actionable knowledge moves beyond the university”

- Equity-focused, frontline-first
  - Frontline communities: “first and worst” and innovators
- From coping to transforming
  - Fix systems, not individuals or communities
  - Support individuals and communities, not systems
  - Recognize the feedbacks between the two
- People as part of nature, not apart from nature
  - exploitation of people and exploitation of environment are entangled
  - Environmental and human health aren’t separable
  - Climate Crisis isn’t just climate and it isn’t new

# Grow our thinking and culture

- The sciences are beautiful, complementary, and a work in progress
  - From loading dock to knowledge cycles
  - From experts to partners
  - Science includes synthesis, education, and application, not just research
  - Evidence and knowledges evolve
  - Acknowledge past harms and seek to prevent and repair
  - Ethics of care as part of scientific conduct
  - Science has values and value systems
- Improve our understanding of resiliences
  - Beyond descriptive (physical) to normative (social)
  - Resilience should also be about addressing systemic inequities
  - Emotional, culturally, and politically safe resilience

# Share Trust, Benefit, and Power

“The best way to earn trust is to give trust”

Sciences should trust in

- Community knowledges
- Community priorities
- Community’s capacity to use scientific knowledges (task sharing)
- Community history

- **Mutual benefit**

- Community outcomes are as important as research outcomes
- Projects should navigate the practical
- “A paper is not an impact”

“drive the bus together”

- There are multiple modes of co-design (build the bus together/decide if you want a bus together/let use your bus for a bit)
- Meet people where they are – physically, culturally, linguistically, etc

Power

- resources
- power and decision-making in the project
- access and credibility – help people plug into and succeed in networks
- joy



# Evolve Institutions of Science

- Accompaniment - "working to support community-led change making" as part of the mission of scientific institutions
- Support community partnership through
  - Infrastructure (places, technologies, and capacities)
  - Training (not just technical skills- listening, humility, overcoming isms, collaboration)
  - Teams (it takes diversities and ability to work with diversities)
  - Tenure (not just for research)
  - Ethical Standards (co-created)
  - Shared Governance
  - Flexibility and long-term commitment
  - Multigenerational approaches

# Evolve Funding

“show me your budget, and I’ll show you your values”

”allocate resources in a just way”

- Science grants designed with/for community-based organizations
- nudges for sharing output
- nudges for distributing resources, like collaboration standards
- Longer-term funding
- Exploratory and relationship-building grants
- Everyone has the supports to enable their work (more than payment)

# Human and Behavioral Sciences Goals

- What are effective strategies for co-creation, and how do we know?
- What human and behavioral sciences are most ready for practice?
- What practice-informed questions should guide new research?
- What, especially, are the priorities and learnings of front-line communities?
- How can we make existing and new data and tools more usable?
- What are the most effective ways to nurture boundary spanners?
- What does scale mean, in a way that is contextual?
- Study the concept and practice resilience
- How do we best engage with multiple knowledges – what the tools and practices that work?
- Evolution of decision and governance systems in the face of climate