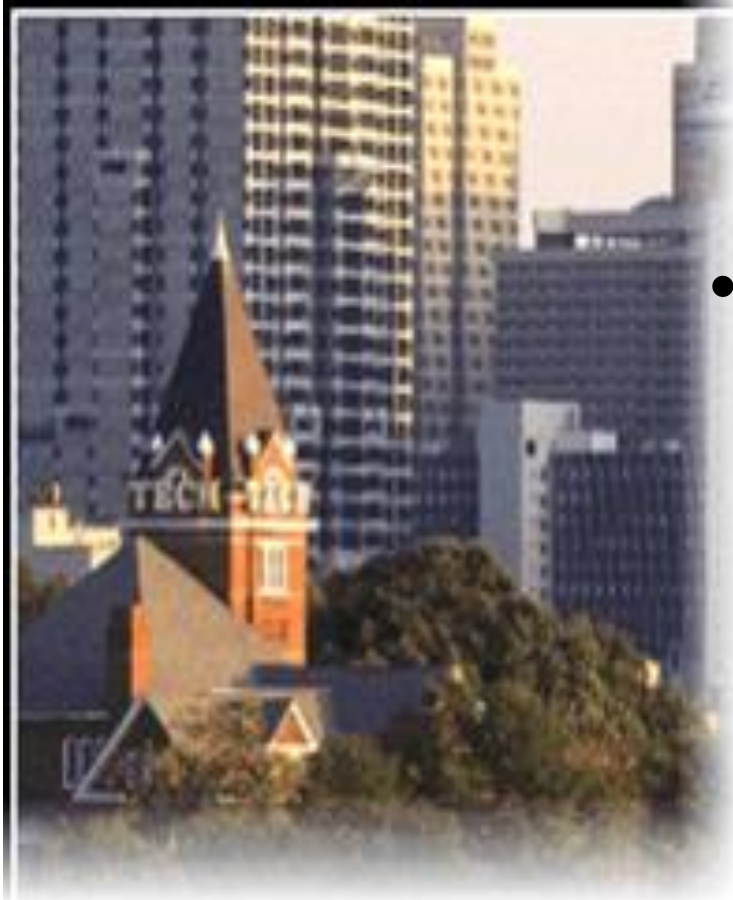


# *Building the STEM Partnership Toolkit:*



- *Choosing your spots carefully*
  - *Measuring twice*
- *And finding your spanner when you need it*

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# Questions

- What are institutional arrangements that provide effective platforms for facilitating successful collaborations?
- What are the barriers to accomplishing common goals across collaborating organizations? How can these barriers be overcome?

# Starting Point Effects: Variance in Expectations

- **Entity Based Definitions**
- **Venue Based Definitions**
- **Process Based Definitions**
- **Agreement Based Definitions**
- **Anchoring Effect: A key factor in evaluations is to assess the level of agreement amongst participants as to their definitions of partnership.**

# Issues of Partnership as a Policy Tool

- In STEM Education partnership & collaboration is a preferred policy tool for transferring the benefits of public research investments
- Tension between federalism and knowledge transfer: NOFA's and the Escalation of Collaboration Rhetoric
- Variety of instruments for partnering and collaboration and the problem of scale
- The growth in inter-sector partnering

# Collaborations & Partnerships have Costs

- The term may be threatening
- Work flow, interruptions, non-routine tasks
- Mutuality in absorbing transaction costs
- Exporting procedures and other forms of asset specificity
- Partnership identity vs. organization identity
- Mutual evaluations by partners and stakeholders

# Developments in Effective Partnering

- Applications of risk management to partnering
- Cultivation and career paths for boundary spanners
- Accounting for interaction effects of programs in schools and target populations
- Cultivation of communities of practice for sustained engagement beyond the life of projects
- Portfolio management by partners: picking spots for sustained engagement

# Developments in Effective Partnering II

- Attention to changes in institutions and routines or normal work life that sustain knowledge transfer
- New technologies for instruction and knowledge transfer; social media, visualization, apps, MOOCs

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