



## NCSES/CNSTAT Workshop

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**Advancing Concepts and Models of Innovative Activity and  
STI Indicator Systems**





**Economic development** is the expansion of capacities that contribute to the advancement of society through the realization of individual, firm and community potential. (Feldman, et al)

**Economic development** creates the conditions for growth and improved quality of life through innovation, lowered transaction costs and the utilization of capabilities to responsibly produce and sell valuable goods and services.



## How EDA Functions



- Help communities understand their assets as well as their SWOTs.
- Invests with local partners in a broad range of programs to meet challenges and take advantage of opportunities.
- Build on an economic foundation (including where appropriate, cluster identification).
- **Increasing Capabilities**
  - > **Increased Capacity**
  - > **Growth and Development**



- Innovation is an important component of economic development.
- In the context of our definition, we seek to, *inter alia*, increase capacity for innovation through sponsorship of innovation-inducing activities and resources.
- Personal observation – agency matters.
- Personal observation 2 – if agency matters then complexity must be considered in our measurement frameworks.



- How do we learn more about the mechanisms that generate data about innovation?
- What do we know about agency's role in inducing innovation?
- Can we design research and data collection methods that ultimately lead to more precise “diagnosis and treatment” interventions for public investment, and better policy as a result?
- Can the principles that currently define complex adaptive systems lead us to greater insights about how innovation emerges?