



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?