A CTSA Perspective: Precision Population Health & Learning Health Communities

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CTSAs as a Catalyst for Rethinking How We Do Science

Traditional Randomized Trials

- Overall averaged benefit for the collective population
- Do they represent women? children? our communities?

Recognizing a context and a continuum

CTSAs and Real-World Evidence: What Is It and What Can It Tell Us?*

- **Data:** Integrating data generated in real-world settings from multiple sources
- **Partnerships:** Collaborating with people, patients, clinicians, scientists
- **Precision:** Developing targeted and tailored interventions
- **Dissemination:** Return of information to stakeholders

The Relative Contribution of Multiple Determinants to Health, Health Affairs Health Policy Brief, August 21, 2014; DOI: 10.1377/hpb20140821.404487

CTSAs Putting It All Together: Data, Venues, Communities, Science

CTSI Precision Health Initiative: Precision Public Health interaction with CTSA hub programs
Empower all stakeholders focused on health to “learn large.”

Harness the power of health data to engender ongoing cycles of knowledge generation, tailored feedback and transformative change.