





GOAL = EMBRACE CANCER INFORMATICS

GOAL = EMBRACE SOLUTIONS

GOAL = ECOSYSTEM OF PARTNERS

GOAL = TRUST

Informatics for Cancer Research

- ❖ Data availability
- ❖ Integration and exchange
- ❖ Value
- ❖ Validate
- ❖ Workforce
- ❖ Analytics
- ❖ Visualization and representation
- ❖ Cyberinfrastructure
- ❖ Trust

Informatics for Cancer Research

- ❖ Data availability
- ❖ Integration and exchange

**GOAL = EMBRACE THE COMPLEXITY &
CREATE A PLAN**

- ❖ Analytics
- ❖ Visualization and representation
- ❖ Cyberinfrastructure
- ❖ Trust

DATA SHOULD BELONG TO SOCIETY

DATA SHOULD BELONG TO SOCIETY

Coalition Objectives

- Catalyze and help nurture a community to develop and make available, pre-competitively, an open digital framework for biomedicine
- Ensure that the open digital framework stays current with all technological advances
- Ensure that all biomedical organizations have access to the open digital framework, so that they can achieve their goals for improved patient care and more productive research
- Help to support a flourishing ecosystem of biomedical organizations that can fuel each other's activities through frictionless flow of data
- Serve as a 'test bed' for the digital infrastructure

FROM SILOS TO SYSTEMS – CHANGING MINDS & CHANGING BEHAVIORS

A Framework for Action

- Courage
 - Coordinate and collaborate
- Resilience
- Competitiveness and new participants
 - Generate disruptive change
 - The consumer as the disrupter
 - Disruption from all partners
- Accountability and responsibility

FROM SILOS TO SYSTEMS – CHANGING MINDS & CHANGING BEHAVIORS

A Framework for Action

- Do something and take action
- Public-private partnerships & inclusiveness
- Invest in ensuring we have the data and the cyberinfrastructure and leverage what is going on elsewhere
- Create pipes for exchange
- Facilitate activities that will contribute (e.g. just-in-time standards, public databases, EHRs, analytic methods, reuse the information and information infrastructure, large-scale standardized protocols and procedures, data dictionaries, metadata, validation, security solutions)
- Build to users and use cases, starting with small and compelling questions
- Build the workforce
- Define and promote value



DATA SHOULD BELONG TO SOCIETY

BE A PART OF THE PLAN