

# NSF Areas of Interest in II

- Digital content
  - Stages of complexity, refinement, and maturity
  - Diverse sets of needs and purposes
- From data to decision or action
  - Using technologies and human invention to explore new ways to create, capture, store, query, represent, integrate, manage, maintain, update, data analyze, and preserve data assets in appropriately secure and privacy-protecting ways
- NSF is looking for identification of compelling new areas within information integration to develop

## Areas of NSF Current Activities in HCI & IM

- **Address the limitations of current tools for high capacity data management and high capacity computing**
- **Issues of federation, preservation, curation and access to large, heterogeneous collections of scientific data and information**
- **Address the limitations of human understanding of large, complex, high dimensional data**

NOTE: Please identify any activities funded by other agencies