

U.S. E-Science Investments in the Social and Behavioral Sciences

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Overview

- Context
- SBE/CISE collaboration (Next Generation Cybertools)
- Multidirectorate collaboration (CI-TEAM)
- Potential next steps



Context

- Cyberinfrastructure activities pervasive across disciplines
- Atkins report
 - All sciences
 - SBE highlights
- SBE directorate engaged in series of community outreach activities
 - Social Science community workshops
 - SBE/CISE workshop
 - Berman/Brady report



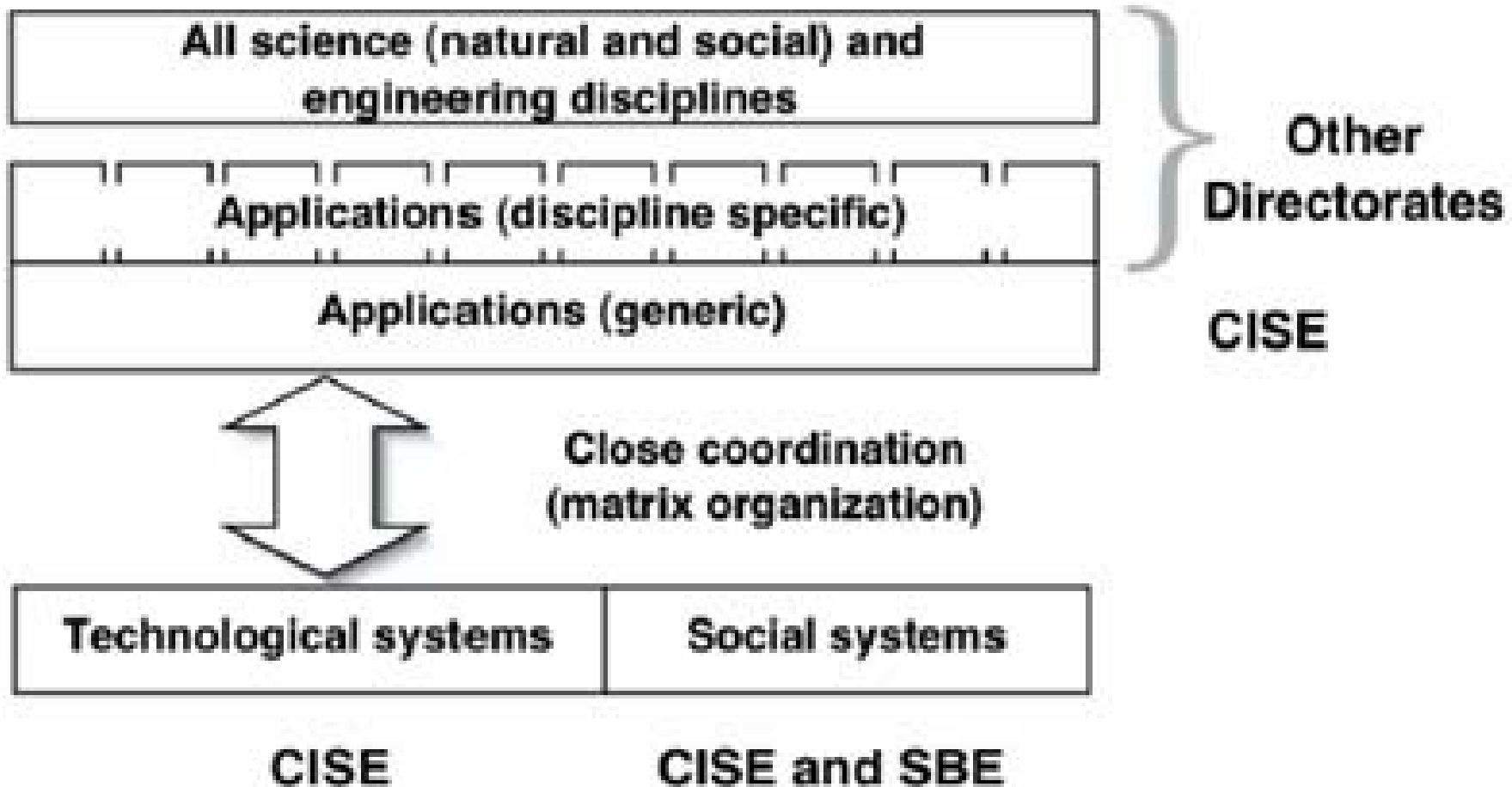


Figure 4.6. Assignment of responsibility for the vision and governance of cyberinfrastructure to NSF directorates.

Community Recommendations

- Instrumental role of social scientists
 - CI deployment
 - Assessment of CI's societal impact
- Elevate social science to "big science"
 - Malevolent behavior (terrorism; cybercrime)
 - Jobs and income
- Recognize data challenges
 - Access
 - Scientific replication

=> **Address Confidentiality**



SBE/CISE Collaboration

- Next Generation Cybertools
 - Social Science problem
 - Multimodal data
 - Individuals or organisations
 - Confidentiality
 - Senior SBE AND senior CISE scientists
 - Testbed approach
 - Scalability
 - Sustainability
 - Large number of high quality proposals
 - Panel meets mid July
 - Awards before mid September



NSF-Wide Call

■ CI-TEAM

■ Workforce development

- Mobilization of a community of interest
- Developing new science and engineering CI curricula
- Preparing individuals in underrepresented organizations
- Exploring role organizations play in developing CI workforce.

■ Demonstration projects

■ Panel meets late July

■ Awards before mid September



Potential next steps

- Establish a Program in Confidentiality and Research Ethics
- Programmatic focus on impact of CI
- Community Development
 - Targeted funding programs
 - Meetings
 - Workshops
- Coordinate more closely with other federal agencies
- Coordinate with international counterparts

