Networks of Expertise: A Model for Implementing and Sustaining New Information Services

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Overview of talk

• Introduction

• Methodology

• Key Findings

• Conclusion & Recommendations

• Discussion questions
What

• New services for 21\textsuperscript{st} century libraries include:
  o Digital archiving and preservation
  o Data management
  o Use of multimedia in teaching, learning and research
  o Information discovery
  o Scholarly communications
  o Digital humanities

• Goals
  o Assess viability of centers as an approach to provide services for multiple institutions
  o Provide guidance to centers and funders for the formation of centers of excellence for information services

• Developed profiles for 34 centers

• Interviewed 19 center directors and staff and 7 funders
Who and When

- Meeting of ARL Research Library Leadership Fellows with Mellon Foundation

- Brainstorming about future library directions: does every library need to develop all skills needed to fully support information services for 21st century scholarship?

- Planning grant awarded to explore Centers of Excellence for Information Services as shared expertise
SEI definition of “Center of Excellence”

"A center of excellence is a premier organization providing an exceptional product or service in an assigned sphere of expertise and within a specific field of technology, business, or government, consistent with the unique requirements and capabilities of the COE organization."

Software Engineering Institute, Carnegie Mellon
Methodology
Our high-level questions

○ How are effective and successful centers formed, how do they operate, and how are they sustained over time?

○ What are the criteria for funding both the formation and long-term sustainability of centers?

○ How are centers assessed?
Research Methodology

- Preliminary investigation of more than 100 centers
- Narrowed set to 35 centers and 10 funders for in-depth research
- Interviewed staff at 19 centers and 7 funders
Preliminary Analysis

- Individual team members - harvesting of “key quotes” and sections of interview transcripts into a single, shared document

- As a group - rapid-fire analysis:
  - approx 1 hour analysis/interview
  - identify patterns & best quotes
  - articulate high-level insights and reflective questions
Preliminary Results

- CNI presentation, last April
- Focus groups with library directors
Key Findings
CoE Reactions …

• Term “Center of Excellence” often viewed with skepticism
  o Implication that excellence discourages innovation and collaboration, doesn’t value the people
  o Focus on status rather than value of effort
  o Science and engineering centers & funders much more comfortable with term and fully embraced it

• Agreement on characteristics of a center
  o engine of innovation
  o solving problems across institutional boundaries
  o an evolving, adaptable, agile entity
Organizational Infrastructure

• Most centers are part of a larger institution
  o Benefits include shared services (e.g. HR, financial systems, utilities)
  o Shared faculty appointments
  o Access to students

• Partnerships are valued
  o peers, research & education, industry, supporters
  o some partnerships fail: “Obstructive partners can really bring down a project.”
Assessment

• Assessment assures the center remains aligned with its mission
  o motivation driven by funder requirements
  o provides checks-and-balances to help with prioritization and staying on course

• Sunset plans
  o agreement that it’s important to have one
  o very few centers have a plan
  o planning for closing is not a priority
Funding and Sustainability

- Funding sources
  - grants, endowments, state funds, institutions, partners, members
  - “Core” staff on institutional funds (e.g. director)
  - Center not funded by institutional operations budgets

- Centers spend 30 - 50% of their time fundraising

- Funders willing to invest short term, but expect centers to find other funding long term

“We’re willing to go several rounds for a good idea, and make sure that it’s well established, but it’s got to stand on its own. ... [T]he idea has to be that there’s not a permanent dependence on us.”
Challenges

“Nobody gives you money because you need it. What they want to hear is that you’re doing great things, you’re confident, you’re optimistic, you’re committed, and they support that.”

- Funders want to hear stories that awaken their own convictions. It takes years to establish credibility and trust.
- Leadership changes can destabilize funding.
- Funder priorities shift.
- Priority to fund innovation, not ongoing support.
- Important to attract and hire the right staff.
Conclusion & Recommendations
Can the CoE model help research libraries cope with ever-increasing demands for support for information services?
Considerations

Nearly all centers appeared to be facing issues of purpose, sustainability, funding, assessment, leadership, succession planning, among others.

Should Libraries consider such a paradigm or structure?

OR

Should libraries look instead to modify and work in existing organizations?

What are we good at or what do we want to be good at?
Other Studies


“It is generally more difficult to share knowledge than data or tools, and it is generally more difficult to co-create than to aggregate.”

- Bos et al. 2007, 668

Networks of experts ("expert networks") instead?

A means to leverage institutional strengths and consider solutions beyond local environments.

A more sustainable approach?

Allows active network of institutions to address issues.

Integration of new “expertise” back into local environment fostered from the collaborative network.
1. Identify opportunities to test the notion of “networks of expertise.”

1. Create networks of expertise with careful consideration of environments that foster collaboration and growth.

1. Develop mechanisms for ongoing and regular assessment and analysis of program deliverables and services.

1. Develop a community-building strategy.

1. Create a pilot innovation team (e.g. tiger teams) to engage on an urgent issue affecting the library community.

1. Develop a taxonomy for collaborative activities for library and information services.
Let’s Talk

- Do you see a network of expertise model as a transformative avenue to retool our workforce, develop new skills sets in libraries, and create library services that are more agile and responsive to the rapidly changing information landscape?

- If an agile network of expertise is the way for libraries to proceed, what should a management structure look like?

- What role, if any, should information schools have in these structures?

- Where shall we begin?

...libraries must find a way to “assert governance” and become “less receiving and more influencing”

- Center Director
Thank you!