National Data Service Consortium
Fifth National Meeting
RENCI

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The National DATA SERVICE

NDS Vision
National Data Service (NDS)
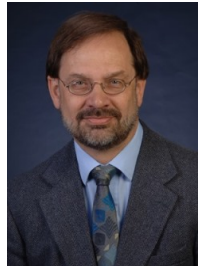## A Shared Vision of Success

Vision: A successful National Data Service (NDS) operates as a consortium, advancing the frontiers of discovery and innovation by enabling open sharing of data and increased collaboration within and across fields and disciplines. Success will be achieved through coordinated and concentrated efforts, developing an open environment of *federated, interoperable, and integrated* national-scale services. Researchers, scholars, and policy makers, as well as teams and large collaborations will provide guidance to NDS; in turn, NDS will help these stakeholders to efficiently, conveniently, securely, and sustainably store, curate, share, publish, access, discover, verify, attribute, visualize, and operate on all forms of scholarly research and policy data.

Services: Toward this vision, the National Data Service commits to identify or adapt existing data

- Complement efforts of RDA
  - NDS is a member of RDA and very active, e.g., workshops
- Extend/integrate efforts of individual projects
  - e.g., DataONE, SEAD, ICPSR, Dryad, publishers, etc

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Status

- Governance model and shared vision terrific
  - Thanks to Joel Cutcher-Gershenfeld!
  - Executive Committee: John Towns, NCSA
  - Steering Committee: Bob Hanisch, NIST
  - Technical Advisory Committee: Christine Kirkpatrick, SDSC
- Many partners excited about the vision and joining
  - Publishers, Libraries, Repositories, NSF projects, Organizations (e.g., RDA), …You!
- NDS Labs
  - NDS Labs Tutorial yesterday
  - Data to be shared, linked, and computed upon…
- NSF BD Hubs
  - Building communities
  - All working with NDS to develop pilots to share data, tools, services
- New projects funded, e.g., Whole Tale!

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Commitments

- NCSA
  - NDS Director, Multiple
  - Open Stack Environ
- SDSC
  - Christine as TAC Ch
  - Open Stack, storage
- TACC
  - Niall Gaffney, staff ti
  - Open stack, storage
- UC/ANL
  - Globus access, services for NDS Share, Labs

Bottom line: we have now got very serious commitments from major NDS partners...now have to execute!

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Special Opportunities at this Meeting

- BD Hubs all here: let's develop pilots to share data, tools, services!

- DIBBS/DataNet (almost) all here: likewise!
  - Many components, but acting independently
  - What do we need to do to have you all back in Pittsburgh? (with accomplishments?)

- NDS Labs developers here: give direct input on what is needed

- Whole Tale Project starting: let's get off to a great start…

- Make commitments to accomplish goals by next meeting

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