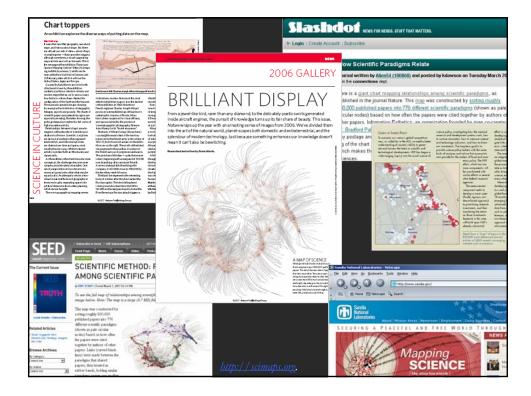
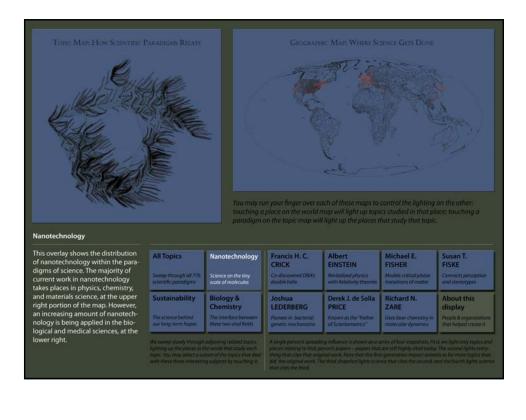


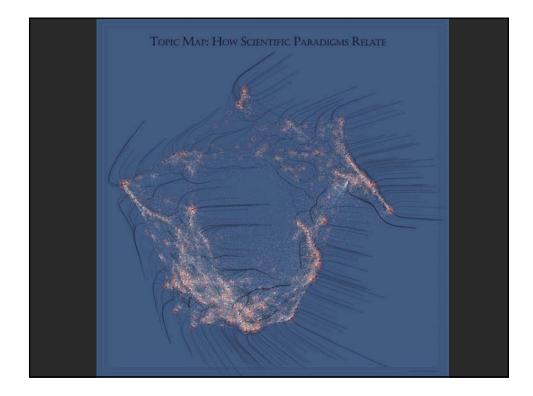
 Synthetic Resins or Natural Rubbe Ion-exchange Polymer or Process of Prepari Process of Regenerating Membrane or Process of Preparing Previously Formed Solid Ion-exchange Polymer Admixed With M Polymer Characterized By Defined Size or Shape Other than Bea Chemically Treated Solid Polymer Solid Polymer Derived From Ethylenically Unsaturated Reacta Solid Polymer Derived From At Least One 1,2-epoxy Containin Solid Polymer Derived From At Least One 1,2-epoxy Containin Solid Polymer Derived From At Least One 1,2-epoxy Containin
 From Ethylenically Unsaturated Reactant Only From Aldehyde or Derivative Process of Treating Scrap or Waste Product (Process of Treating Scrap or Waste Product Containing At Least Treating Rubber (or Rubberlike Materials) or Polymer Derived Treating Polymer Derived From A Monomer Containing Only (
 Treating Polymer Derived From Hydrocarbon Monomers Only Treating Polysiloxane Treating Polyester Treating With Alcohol Treating Polyurethane, Polyurea (excluding Urea-formaldehyde Treating With Alcohol or Amine
 Treating Polycarbonamide Cellular Products or Processes of Preparing / Cellular Product Derived From Two or More Solid Polymers or Fr At Least One Polymer Is Derived From Reactant Containing Tw At Least One Polymer Is Derived From An Aldehyde or Derivat At Least One Polymer Is Derived From An ==c=xReactant Whe

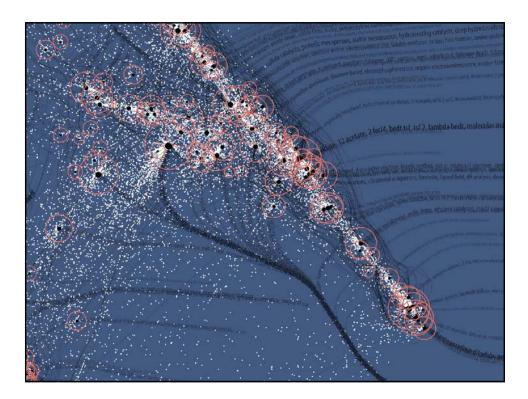


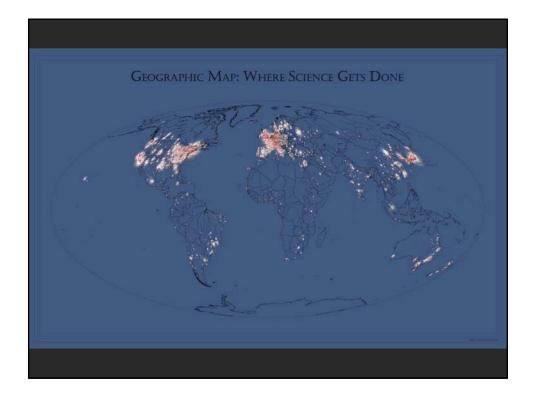


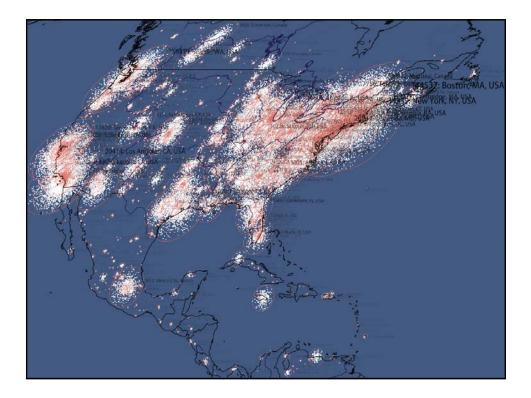


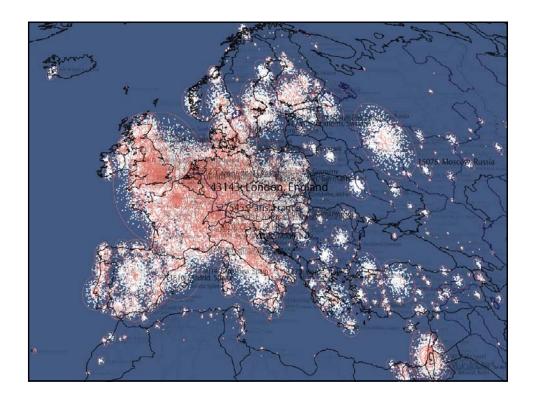


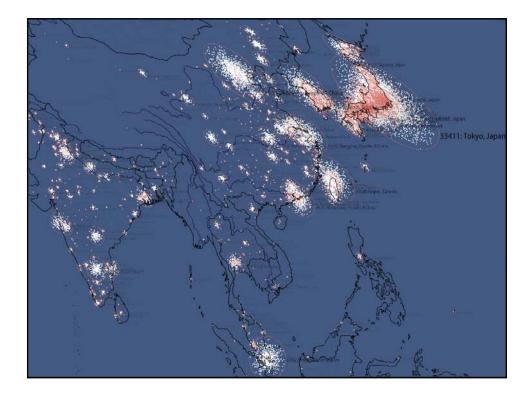




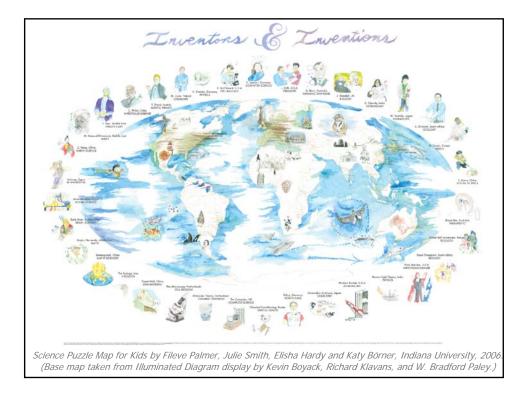










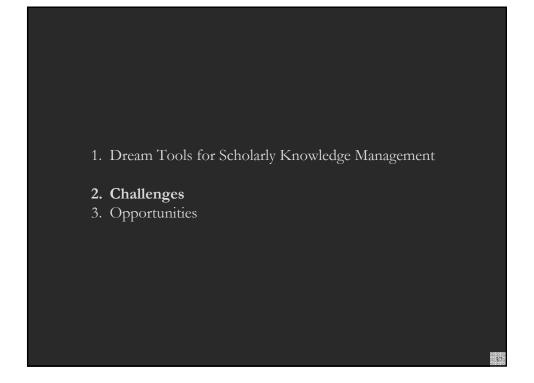


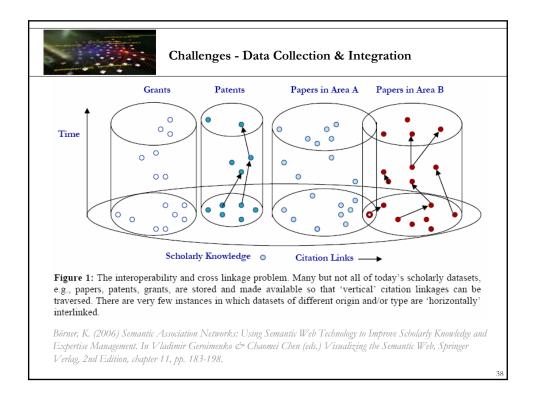


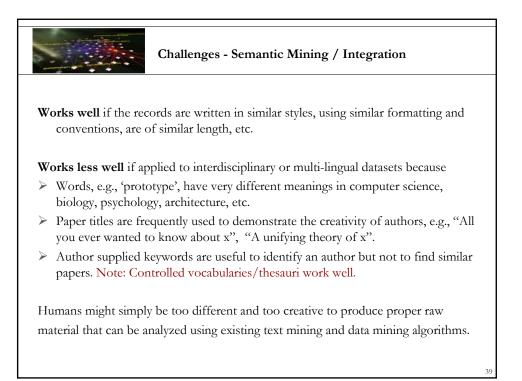


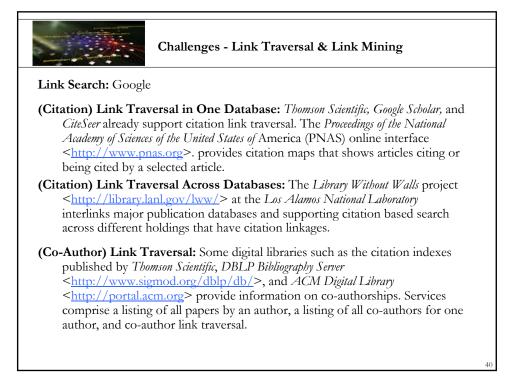


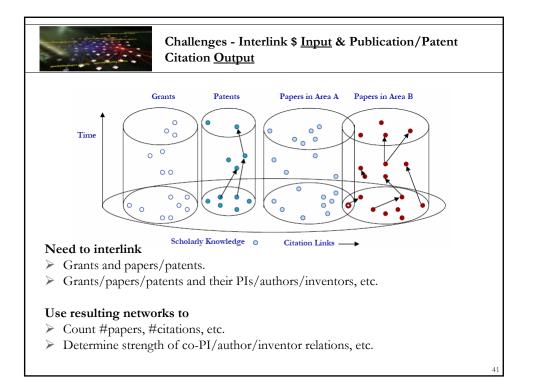


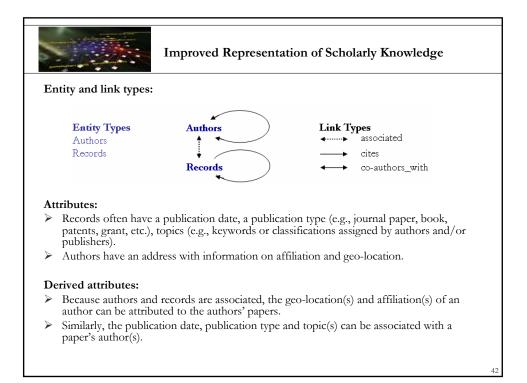














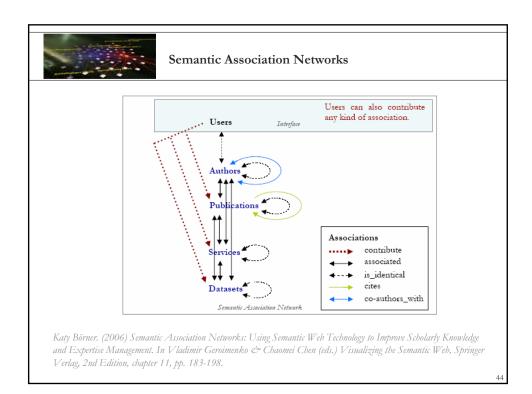
Improved Representation of Scholarly Knowledge makes possible

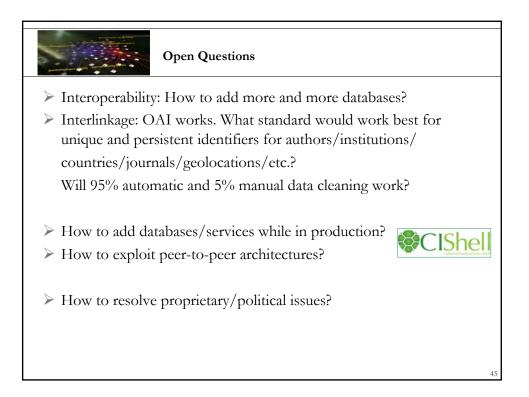
Statistics:

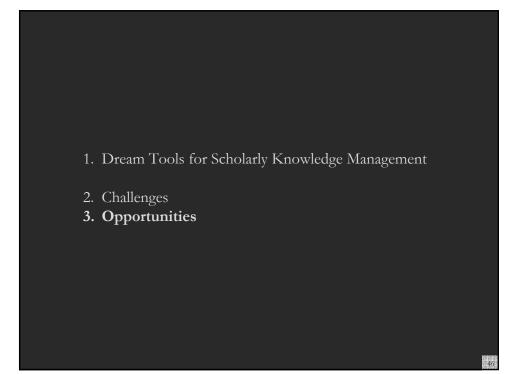
- > Number of papers, grants, co-authorships, citation (over time) per author.
- > Bursts of activity (#citations, #\$, #patents, #collaborators, etc.).
- Changes of topics and geo-locations for authors and their institutions over time.

Visualizations:

- > Geospatial and topical distribution of funding input & research output.
- Structure and evolution of research topics.
- > Evolving research areas (e.g., based on young yet highly cited papers).
- > Diffusion of information, people, \$s over geospatial and topic space.







Opportunities for Mapping Science

Advantages for Funding Agencies

- Supports monitoring of (long-term) money flow and research developments, evaluation of funding strategies for different programs, decisions on project durations, funding patterns.
- > Staff resources can be used for scientific program development, to identify areas for future development, and the stimulation of new research areas.

Advantages for Researchers

- Easy access to research results, relevant funding programs and their success rates, potential collaborators, competitors, related projects/publications (research push).
- > More time for research and teaching.

Advantages for Industry

- Fast and easy access to major results, experts, etc.
- Can influence the direction of research by entering information on needed technologies (industry-pull).

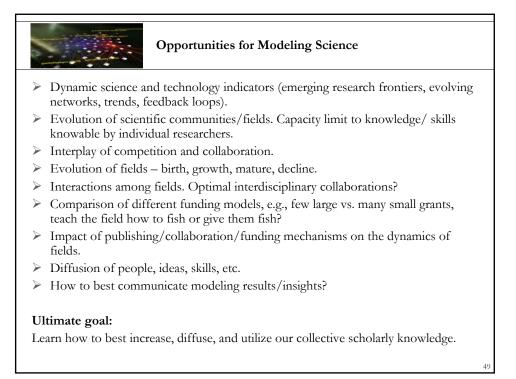
Advantages for Publishers

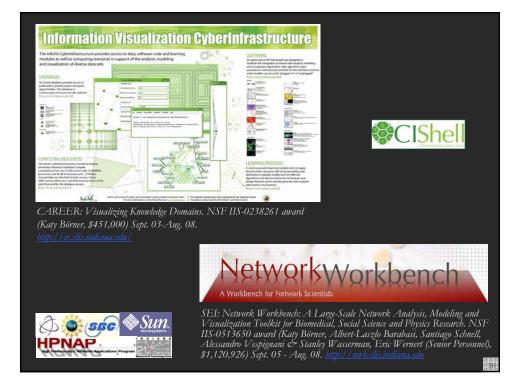
- > Unique interface to their data.
- > Publicly funded development of databases and their interlinkage.

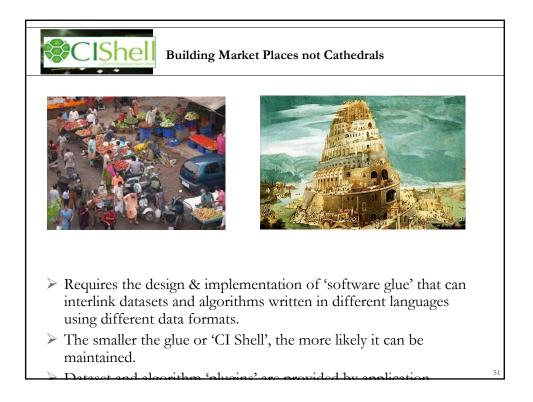
For Society

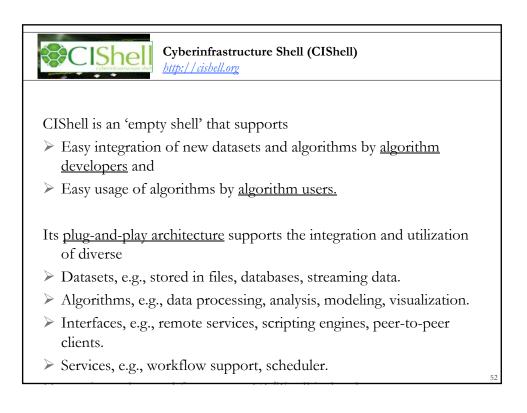
> Dramatically improved access to scientific knowledge and expertise.

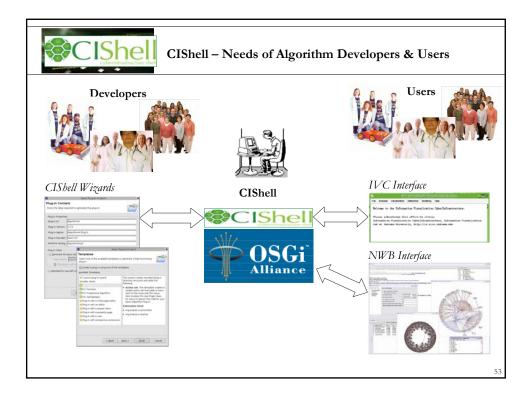


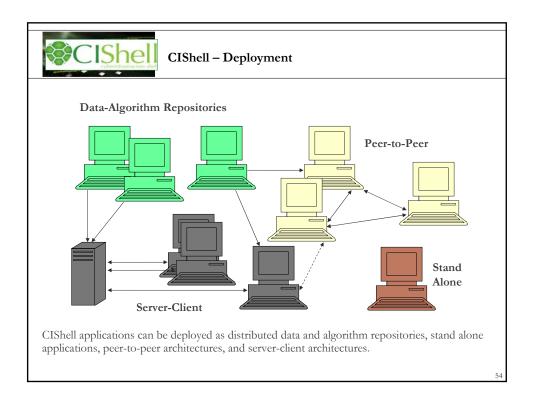


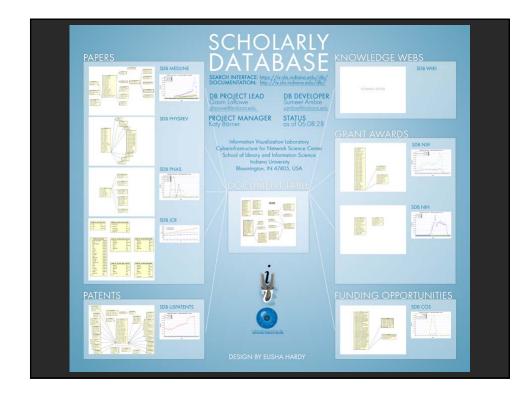












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Submit - Reset	New Search Refine Search Download Records

B SCHOLARLY DATABASE Scholarly Database: # Records & Years Covered Datasets available via the Scholarly Database (* future feature)				
Dataset	# Records	Years Covered	Updated	Restricted Access
Medline	13,149,741	1965-2005	Yes	
PhysRev	398,005	1893-2006		Yes
PNAS	16,167	1997-2002		Yes
JCR	59,078	1974, 1979, 1984, 1989 1994-2004		Yes
USPTO	3,179,930	1976-2004	Yes*	
NSF	174,835	1985-2003	Yes*	
NIH	1,043,804	1972-2002	Yes*	
Total	18,021,560	1893-2006	4	3

Aim for comprehensive time, geospatial, and topic coverage.

