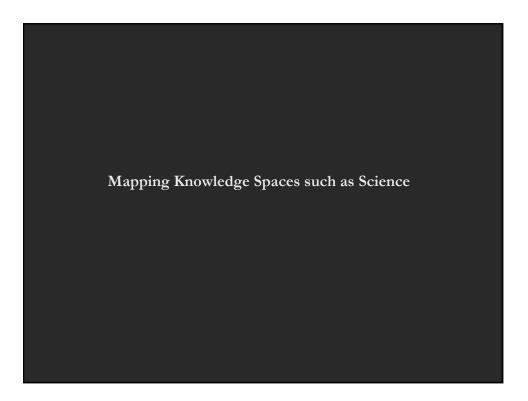
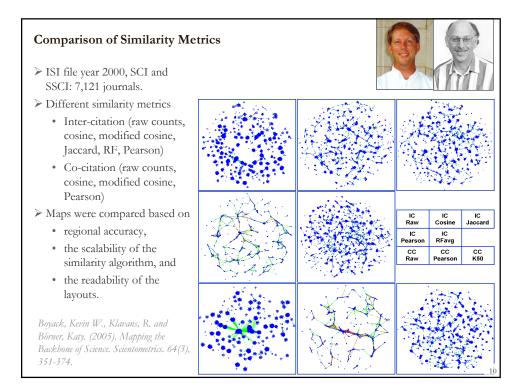
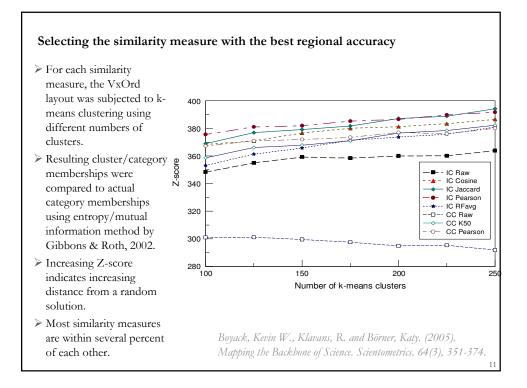


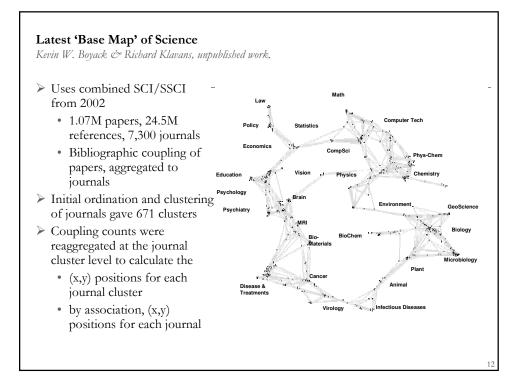
	Synthetic Resins or Natural Rubbe	
	Ion-exchange Polymer or Process of Prepari Process of Regenerating Membrane or Process of Preparing Previously Formed Solid Ion-exchange Polymer Admixed With M Polymer Characterized By Defined Size or Shape Other than Bea Chemically Treated Solid Polymer	
<u> </u>	Solid Polymer Derived From Ethylenically Unsaturated Reacta Solid Polymer Derived From At Least One 1,2-epoxy Containir Solid Polymer Derived From Aldehyde or Derivative 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 A Aldehyde or Derivat At Least One Polymer Is Derived From A -n=c=x Reactant Whe	

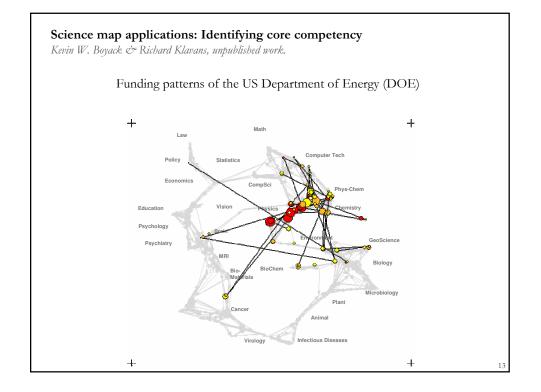


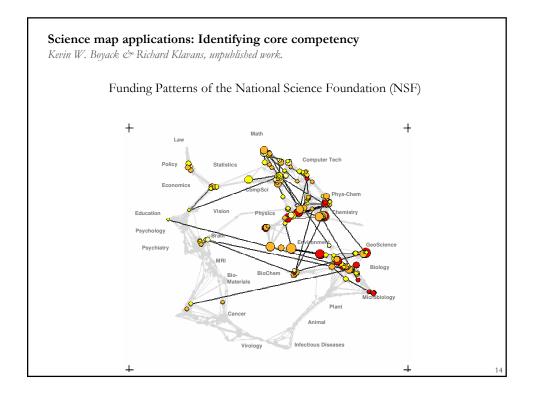
DATA EXTRACTION	UNIT OF ANALYSIS	MEASURES	LAYOUT (often one code does both similarity and ordination steps)		DISPLAY
		•	SIMILARITY	ORDINATION	
SEARCHES ISI INSPEC Eng Index Medine Researchindex Patents etc. 3R OADENING By citation By terms	COMMON CHOICES Journal Document Author Term	COUNTS/FREQUENCIES Attributes (e.g. terms) Author citations Co-citations By year THRESHOLDS By counts	SCALAR (unit by unit matrix) Direct olation Co-citation Combined linkage Co-word / co-term Co-dassification VECTOR (unit by attribute matrix) Vector space model (words/terms) Latent Semantic Analyse; (words/terms) ind . Singular Value Decomp (SVD) CORRELATION (if desired) Pearson's R on any of above	DIMENSIONALITY REDUCTION Eigenvector/Eigenvalue solutions Factor Analysis (FA) and Principal Components Analysis (PCA) Multi-dimensional scaling (MDS) LSA, Topics Pathfinder networks (PFNet) Self-organizing maps (SOM) includes SOM, ET-maps, etc. CLUSTER ANALYSIS SCALAR Triangulation Force-directed placement (FDP)	INTERACTION Browse Pan Zoom Filter Query Detail on deman ANALYSIS

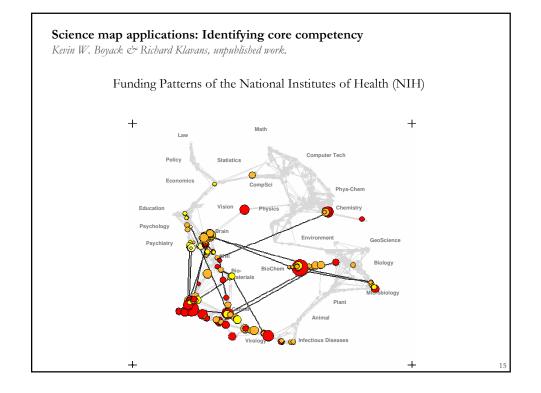


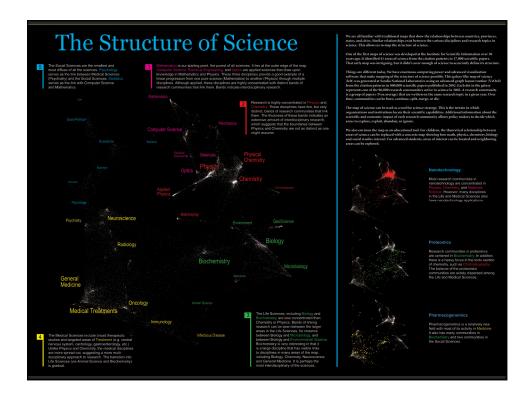




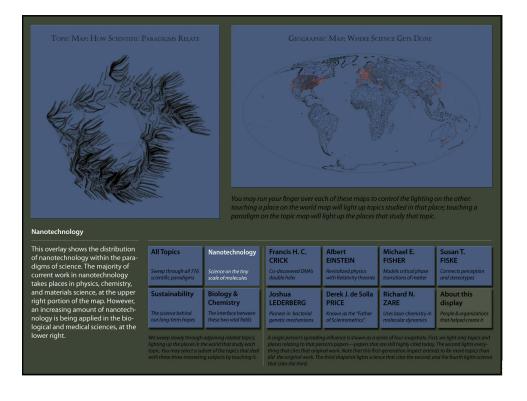


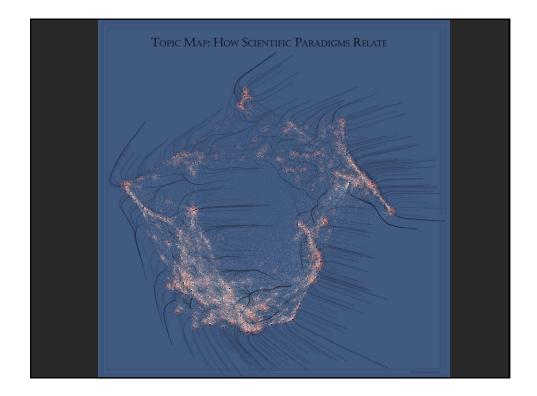


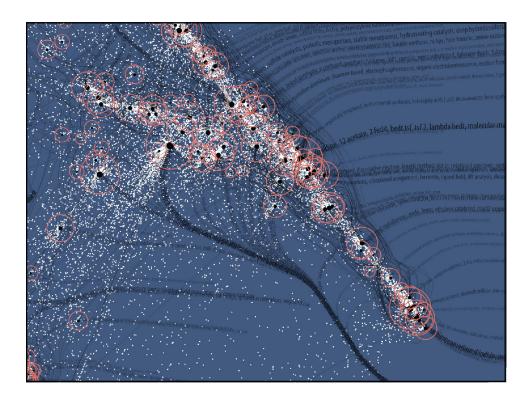




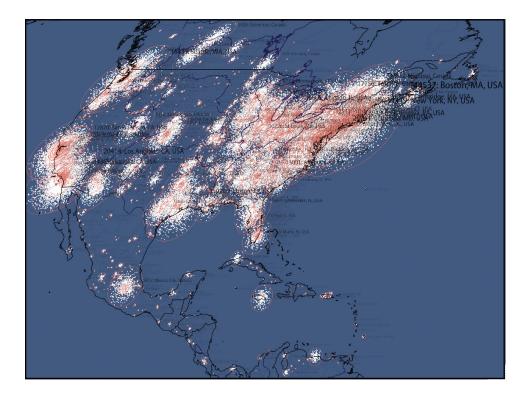


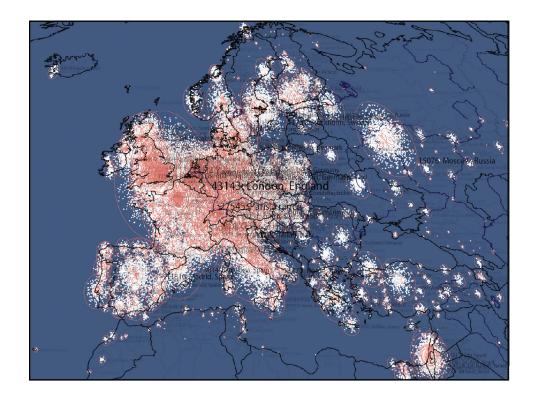


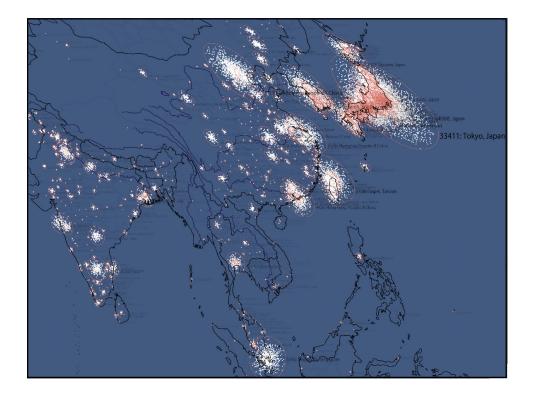




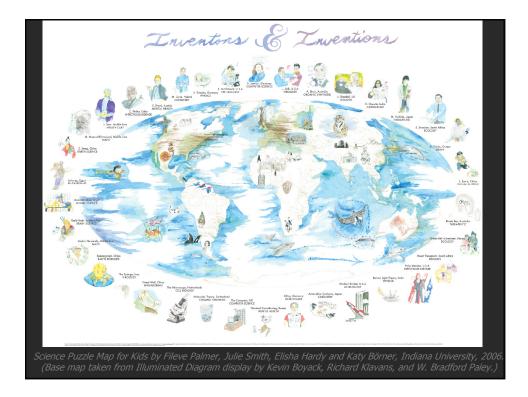














Queens, N. Y. – Want to see science from above? Curious to see what impact one single person or invention can have? Keen to find pockets of innovation? Desperate for better tools to manage the flood of information? Or are you simply fascinated by maps? Then visit the *Places & Spaces: Mapping Science* exhibition, which aims to demonstrate the power of maps to navigate and make sense of physical places and abstract topic spaces.

