Forging Creativity and Border-crossing

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The emergence of the Internet has transformed the practice of academic research. The scholarly infrastructure is now heavily relayed on digital resources, including diverse collections of primary sources in libraries, archives, and museums; as well as the bibliographies, searching aids, citation systems, and concordances that make that information retrievable. Massive digital resources, combined with computer networks and software tools, have shaped the way that scholars discover and make sense of the scientific records, while also shaping the way their findings are communicated to students, colleagues, and the general public.

In my presentation, I will give some examples of data integration, mining, and visualization that have taken advantages of available digital resources and information technology to increasing our research quality and efficiency, exploring new methodology, defining new research issues, and discovering new context between quantity data.   Furthermore, I will argue how a global economy utilizing open model and its multiple applications will come to realize through innovational process based on sharing content, cloud data computing and the leveraging of intellectual exchange across disciplinary and geographical barriers.