# BIOGRAPHICAL SKETCH

**Name:**        Jonathan Corson-Rikert
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Albert R. Mann Library
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## a.  Professional Preparation

Harvard University        Visual and Environmental Studies        B.A. 1973

## b.  Appointments

7/06-present   Head, Information Technology Services,
Albert R. Mann Library, Cornell University

5/01-6/06      Senior Programmer/Analyst, Albert R. Mann Library, Cornell University

8/92-5/01      Cornell Site Coordinator for the NSF Science and Technology Center for
Computer Graphics and Scientific Visualization

Laboratory Manager, Program of Computer Graphics, Cornell University

7/87-7/92      Programmer and Project Manager, Laboratory for Computer Graphics and
Spatial Analysis, Harvard University

1/83-6/87      Research Analyst, Laboratory for Computer Graphics and Spatial
Analysis, Harvard University

9/78-6/82      Cartographer, Dane County Regional Planning Commission, Madison, WI

## c.  Selected Publications

Medha Devare, Jon Corson-Rikert, Brian Caruso, Brian Lowe, Kathy Chiang, and Janet
McCue. VIVO: Connecting People, Creating a Virtual Life Sciences Community, D-Lib
Magazine, July/August 2007.

Brian Lowe, Brian Caruso, and Jonathan Corson-Rikert. VIVO Development Roadmap:
Enhancing an Ontology-Based University Research Portal with OWL and Rules.
Proceedings of the OWLED 2007 Workshop on OWL: Experiences and Directions,
Innsbruck, Austria, June 6-7, 2007.

Brian Caruso, Brian J. Lowe, Jon Corson-Rikert, and Medha Devare.  VIVO: Case Study
of an Ontology-Based Web Site.  Technical Report FS-06-06, Semantic Web for
Collaborative Knowledge Acquisition: Papers from the AAAI Fall Symposium, 106-107.
AAAI Press, 2006.

Barbara Lust, Suzanne Flynn, Maria Blume, Jon Corson-Rikert, and Brian Lowe.
Searching Interoperability Between Linguistic Coding and Ontologies for Language
Description: Language Acquisition Data.  E-MELD (Electronic Metastructure for
Endangered Languages Data) 2005 Workshop on Digital Language Documentation.
http://linguistlist.org/cfdocs/emeld/workshop/2005/papers/lust-paper.pdf

Jon Corson-Rikert.  Report of the Workshop on Rendering, Perception, and Measurement.  Computer Graphics, ACM Association for Computing Machinery, May, 2000.

Waldemar Celes and Jon Corson-Rikert.  An Easy-to-use and Dynamically Extensible 3D Graphics Library. 10<sup>th</sup> Brazilian Symposium of Computer Graphics and Image Processing, 1997.

Denis White, Margaret Maizel, Kelly Chan, and Jon Corson-Rikert.  Polygon Overlay to Support Point Sample Mapping: the National Resources Inventory.  Proceedings of the Auto-Carto Conference, 1989.

Denis White and Jon Corson-Rikert.  WYSIWYG Map Digitizing: Real Time Geometric Correction and Topological Encoding.  Proceedings of the Auto-Carto Conference, 1987.

**Software Systems Developed**

2003-2009   VITRO software, combining a web-based ontology editor, content editor, and interface management tool to structure knowledge and drive the dynamic, cross-indexed display of information.  http://vitro.mannlib.cornell.edu.  With Brian Caruso and Brian Lowe.

1987-1992   ROOTS topological map digitization software, and PALMS, an extended version of ROOTS with an Oracle™ database interface to support integrated spatial and text queries for applications in international development.  With Denis White and Kelly Chan.

### d.  Synergistic Activities

- Named investigator in III-CXT NSF-0712989, "Promoting the curation of research data through library-laboratory collaboration."
- Staff participant in SGER NSF-0437603, "Planning Information Infrastructure through a New Library Research Partnership."

### e.  Collaborators

Maria Blume (University of Texas at El Paso), Brian Caruso (Cornell University), Waldemar Celes (while at Cornell University), Kelly Chan (while at Harvard University), Medha Devare (Cornell University), Suzanne Flynn (MIT), Brian Lowe (Cornell University), Barbara Lust (Cornell University), Margaret Maizel (while at American Farmland Trust), Janet McCue (Cornell University), Gail Steinhart (Cornell University), Denis White (while at Harvard University)