

## Barbara L. Hui

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- Education** Expected June 2010, PhD in Comparative Literature, UCLA  
May 1996, BA in Comparative Literature, UC Berkeley, *cum laude*
- Dissertation** Working Title: *Narrative Networks: Mapping Literature at the Turn of the 21<sup>st</sup> Century*  
Co-advisors: N. Katherine Hayles and Todd S. Presner
- Research Interests** Digital humanities, (post)modern & contemporary German- and English-language literature, media theory, human geography, networks, gender.
- Academic Honors & Awards** *NEH Fellowship*, awarded to fund attendance of *Networks and Network Analysis for the Humanities: An NEH Institute for Advanced Topics in Digital Humanities*, Institute for Pure and Applied Mathematics, Los Angeles, CA, August 15-27, 2010.  
*Associate Fellow of the Scholars' Lab / NEH Institute for Enabling Geospatial Scholarship*, University of Virginia, Charlottesville, VA, 2009-2010.  
*Dissertation Fellowship*, UCLA Graduate Division, 2007-2008.  
*Digital Humanities Fellowship*, UCLA Center for Digital Humanities 2007-2008, declined.  
*Departmental Fellowship*, awarded to fund attendance of *Technospheres: Futures of Thinking*, annual Seminar in Experimental Critical Theory, UC Humanities Research Institute, Irvine, CA, August 14-25, 2006.  
*Graduate Research Mentorship Fellowship*, UCLA Graduate Division, 2005-2006.  
*Summer Graduate Mentorship Fellowship*, UCLA Grad Division, Summer 2004.  
*Departmental Fellowship for Graduate Study*, Department of Comparative Literature, UCLA, 2002-2003.
- Teaching Experience**
- Jan 2005 to June 2005 **Digital Humanities Course Instructor**, Dept of Germanic Lang & Lit, UCLA.
- Facilitated discussions, taught webpage creation skills, and supervised students in production of web projects for a GE course on the history of Berlin.
  - Utilized the *Hypermedia Berlin* platform (<http://www.hypercities.com/>)

as the principal "textbook" for the course.

Sept 2004 to Dec 2004      **Teaching Assistant and Language Instructor**, Dept of Germanic Lang & Lit, UCLA. Instructor of record for beginning language courses, German 1&2.

Sept 2003 to June 2004      **Teaching Assistant and Writing Instructor**, Department of Comparative Literature, UCLA. Taught reading and composition skills to groups of 20 undergraduate students.

### Digital Humanities Work Experience

Dec 2009 to present      **Lead Programmer**. *Digital Media and Learning Competition* (<http://www.dmlcompetition.net>), University of California Humanities Research Institute (UCHRI).

- Develop online system for accepting and processing competition applications.
- Code platform for both public commenting and private judging processes.
- Technologies used: PHP, MySQL, jquery, javascript, AJAX

June 2008 to Dec 2009      **Web-database developer**. *Korean Folklore Project, Danish Folklore Project* and other *Nordic Mapping* projects. Employer: Prof. Tim Tangherlini, Scandinavian Section, UCLA.

- (Re)design and build extensible, robust MySQL and PostgreSQL databases to support large foreign-language data sets.
- Code user interface for browsing, searching, & editing data using PHP, SQL, AJAX.
- Supervise work study students.

July 2009      **Regular expressions scripter / Medieval text parser**. Employer: Prof. Matthew Fisher, Dept of English, UCLA.

- Wrote Perl scripts containing regular expressions to match for patterns in digitized Medieval (Old English) manuscripts. Dealt with non-standard character sets.

June 2008 to July 2009      **Lead Programmer**, *Virtual Study Abroad* project (<http://vstudyabroad.cdhl.ucla.edu/>). Employer: Dr. Lisa Parkes, Dept of Germanic Lang & Lit, UCLA.

- Built extensible, robust MySQL database and populated the same with foreign-language, multimedia dataset.
- Coded database-driven, map-based user interface, including audiovisual elements, using PHP, MySQL, AJAX, and Google Maps API.
- Acted as liaison between non-technical faculty and IT staff.

- July 2005 to  
June 2007
- Co-PI & Web-database Programmer, *Hypercities*** (<http://www.hypercities.com>). Employer: Prof. Todd Presner, Dept of Comparative Literature, UCLA.
- Worked in conjunction with UCLA Center for Digital Humanities and UCLA Library staff to develop a technically strong application that fosters humanities scholarship and point-of-view.
  - Designed extensible, resilient MySQL database schema to support large multimedia dataset.
  - Redesigned user interface to take advantage of underlying relational database, i.e. search, user input, login functionality.
  - Coded new UI and site functionality using PHP, MySQL, AJAX.
  - Presented project at Where 2.0 Conference, San Jose, CA, 29 May 2007.
- Nov 2006 to  
April 2007
- Web, database, & mapping applications programmer, *SNAP*** emergency preparedness system for LA county. Employer: Center for Neighborhood Knowledge, Dept of Urban Planning, UCLA (<http://cnk.ucla.edu>).
- Designed and developed web-based ColdFusion application for use in locating and aiding disabled people in a disaster.
  - Built MS SQL database and coded backend application for site. Interfaced with MS Virtual Earth API front-end.
- July 2002 to  
June 2003
- Instructional Technology Consultant, Center for Digital Humanities, UCLA.**
- Supported and advised various humanities departments in the use of *WebCT* course management websites and other instructional technologies.
  - Created web pages, uploaded course-related materials and multimedia files.
- Other Work Experience**
- June 2007 to  
June 2008
- Web Developer, Dept of Germanic Lang & Lit, UCLA.**
- Developed and updated public-facing HTML- and Flash-based department website in consultation with faculty, staff, and students.
- Aug 2007 to  
Dec 2007
- Technico-Legal Translator/Analyst, Day, Casebeer, Madrid & Batchelder, LLP, Cupertino, CA (telecommuted).**
- Annotated and analyzed technical (IT) and legal German-language documents for patent law firm.
  - Translated said documents from German into English.
- April 2004 to  
June 2004
- Web Developer, Dept of Comparative Literature, UCLA.**
- Created departmental teaching resource materials website, to be used by teaching assistants and faculty.

- Jan 1997 to July 2002
- Programmer/Analyst III**, IST-Communication & Network Services, UC Berkeley.
- Developed and coded database applications (web and client/server based) for use by UC Berkeley campus customers and CNS in-house employees.
  - Analyzed business processes, determined program specifications and layout via dialogue with users and co-workers.
- Academic Service**
- Co-Organizer, THATCamp Southern California, Occidental College, Los Angeles CA, March 13, 2010.
- Graduate Student Volunteer, Digital Arts and Cultures (DAC) 2009, UC Irvine, December 2009.
- Editorial Board, *New German Review*, UCLA Dept of Germanic Studies peer-reviewed graduate student journal, Vols 21 & 22 (2006-7 & 2007-8).
- Graduate Student Representative, UDHIG (UCLA Digital Humanities Incubator Group), Aug 2005 to July 2006.
- Graduate Student Representative, Dept of Comp Lit, UCLA, Jan 2006 to July 2006.
- Publications & Digital Projects**
- “Global Networks in W.G. Sebald’s *Rings of Saturn*,” in *The Undiscover’d Country: W.G. Sebald and the Poetics of Travel*, ed. Markus Zisselsberger, (Camden House: 2010, forthcoming).
- Litmap*. A digital humanities application: <http://www.barbarahui.net/litmap/>
- Presentations**
- “Litmap: networked narratives,” Digital Humanities 2010 Conference, King’s College, London, July 7-10 2010.
- “Mapping Historical Photographs for the Common Good,” co-presenter. O’Reilly Where 2.0 Conference. San Jose, CA, March 30-1 2010.
- “GIS in the Humanities,” THATCamp Southern California, Occidental College, Los Angeles, CA, March 13, 2010.
- “Visualizing Literature: The *Litmap* Project,” THATCamp (The Humanities and Technology Camp), Fairfax, VA, June 2009.
- “Digital Cultural Mapping: The *Litmap* Project,” UCLA Mellon Seminar, “What is(n’t) Digital Humanities?” Los Angeles, CA, June 2009.
- “Imagining Collaboration in the Humanities,” Panel Member. MLA Convention. San Francisco, CA, December 2008.
- "HyperCities: 800 Years of Berlin and 2400 Years of Rome," Presentation Team Member. O'Reilly Where 2.0 Conference. San Jose, CA, May 2007.
- "Digital Topographies: Mapping W.G. Sebald's Nodal Narratives," Johns Hopkins University German Dept Grad Student Conference, "Mapping Narrative: Excursions in Limbo." Baltimore, MD, December 2006.

Participant, "Technospheres: Futures of Thinking," Seminar in Experimental Critical Theory, UC Humanities Research Institute, Irvine, CA, Aug 14-25, 2006.

"Geo-Tools in the University Classroom: Applications and New Developments," co-presenter. O'Reilly Where 2.0 Conference. San Jose, CA, June 2006.

"Mediated and Remediated Memories of Catastrophe: A Hypermedia Site Devoted to W.G. Sebald," multimedia online project (<http://dev.cdh.ucla.edu/~newmedia/barbara/>). Conference to showcase projects created in year-long "Graduate New Media Colloquium" (UCLA) taught by Prof. N. Katherine Hayles, May 2006.

"Internal and External Memory in Sebald's Historical Narrative." ACLA (American Comp Lit Assoc) 2006 conference. Princeton, NJ, March 2006.

"From Montage Theory to Hypertextuality: Conceptions of Narrativity, Materiality, and Gender." Society for Literature and Science Annual Conference. Austin, TX, October 2003.

**Professional Affiliations**

Modern Languages Association, 2004 to present.

American Comparative Literature Association, 2003 to present.

**Languages**

German (near-native fluency)

Spanish (fluent)

French (reading & conversational competency)

Mandarin Chinese (rudimentary)

**Technical Skills**

Languages: SQL, PHP(5), Perl, Javascript, jQuery, (X)HTML, XML, CSS, Flash/Actionscript, vi(m) editor, ColdFusion, Progress 4GL. Courses taken on C++ and Java.

Databases: MySQL, MSSQL, postgresQL, Progress

Mapping APIs: Google Maps, MS Virtual Earth

Platforms: Mac OS X, Unix/Linux, Windows

Architectures: LAMP, AJAX, Fusebox

**References**

**N. Katherine Hayles.** Professor, Dept of English, Duke University. 101 Friedl Building, Durham, NC 27708. (919) 684-9319. *katherine.hayles@duke.edu*.

**Todd S. Presner.** Associate Professor, Depts of Germanic Languages & Literatures, Comparative Literature, and Jewish Studies, UCLA. 212 Royce Hall, Los Angeles, CA 90095. (310) 794-6051. *presner@ucla.edu*.

**Kathleen Komar.** Professor, Dept of Comparative Literature, UCLA. 212 Royce Hall, Los Angeles, CA 90095. 350 Humanities Bldg, Los Angeles, CA 90095. (310) 825-3406. *komar@humnet.ucla.edu*.

**Tim Tangherlini.** Chair, Scandinavian Section and Professor, Dept of Asian Languages & Cultures, UCLA. 212 Royce Hall, Los Angeles, CA 90095. (310) 825-7611. *tango@humnet.ucla.edu*.

**Lisa Parkes.** Senior Preceptor in German, Coordinator of Language Instruction, Harvard University. FAS Germanic Languages & Lit, Barker Center, 12 Quincy St, Cambridge MA 02138. (617) 495-3548. *lparkes@fas.harvard.edu*.