

LIBRARY AND INFORMATION SCIENCE DOCTORAL STUDIES
AT RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY
 IN THE SCHOOL OF COMMUNICATION, INFORMATION AND LIBRARY STUDIES
DIGITAL LIBRARY TRACK

The Faculty	Recent Research	Applications and Funding
<p><i>Rutgers has one of the largest groups in the country dedicated to studying all aspects of the Digital Library Revolution.</i></p> <p>Our full time faculty includes: Nicholas Belkin, (ASIST Award of Merit) Interactive IR, Personalization Marija Dalbello (Ed., dLIST) Circulation of culture & innovation through DLs Jacek Gwizdka Cognitive Factors; HCI, Personalization; User Modeling Paul Kantor (Fellow, AAAS) Information Filtering; Evaluation; Image Libraries Michael Lesk (Member, National Academy of Engineering) Systems Ya-Ling Lu: Digital Libraries for Children Claire McInerney: Knowledge Management in Digital Environments Marie Radford (BPM Executive Board) Digital Reference Services Tefko Saracevic (ASIST Award of Merit) Relevance; Evaluation Anselm Spoerri Information Visualization; DL Interfaces Ross J. Todd (Director of CISSL) Jana Varlejs (NJACRL Chapt. Research Award) Professional development, information literacy Sherry Vellucci (DLS) Metadata development and evaluation Nina Wacholder Natural Language and DL Indexing; Xiangmin Zhang Collaboration for Affinity Groups</p>	<p>Selected Funded Projects by source: DNDO (Kantor) Deceptive Detection Strategies IEEE (Zhang) Experiment and evaluation of Digital library performance IMLS (Belkin, Gwizdka, Zhang) Personalization of the Digital Library Experience IMLS (Radford) Seeking Synchronicity: Evaluating Virtual Reference Services IMLS (Todd) Information Behavior in Digital Age Schools IMLS (Varlejs) Building the Multicultural, Multilingual New Jersey Library Staff KDD (Kantor) Monitoring Message Streams NSF (Kantor) Indexing and Archiving Dynamic Brain Images NSF (Lesk & Sarcevic) Searching for emotional content in digital video NSF (Lesk & Wacholder) A Better Book Viewer: Reading a Million Books</p>	<p>Support: Students in the Information Science track are supported by several means: <i>Teaching Assistantships</i>; <i>Research Assistantships</i>; <i>Part-time Lecturer</i> posts, and <i>Hourly work</i>. Assistantships are currently competitive, and include full tuition and benefits, and as much as 6 credits of summer coursework. http://orsp.rutgers.edu/current_rates.php <i>Lecturer</i> posts are typically negotiated with the chair of the relevant department. <i>Hourly work</i> is competitive, and is negotiated with the director of the project for which you will be working. It does not carry health benefits.</p> <p>Application Processes: There is an online application at: http://gradstudy.rutgers.edu Interested candidates are also encouraged to contact the director of the Ph.D. Program, Prof. Hartmut Mokros (mokros@scils.rutgers.edu) and to copy the area coordinator, Prof. Paul Kantor (Paul.Kantor@rutgers.edu)</p> 
<p style="text-align: center;">Cross-Disciplinary Collaboration in Projects</p> <p>Extensive collaboration is a hallmark of the Rutgers research style in LIS, and we frequently collaborate with researchers in: <i>Public Policy</i>; <i>Critical Analysis</i>; <i>Computer Science</i>; <i>Operations Research</i>; <i>Information Management</i>; <i>Cognitive Sciences</i>; <i>Psychology</i>; <i>Electrical & Computer Engineering</i>.</p>	<p style="text-align: center;">Selected Recent Doctoral Theses</p> <p>Yuan, X.: Supporting Multiple Information-Seeking Strategies In A Single System Framework Mohr S: The Role of Communication in Knowledge Management & Knowledge Exchange in Organizations. Rittman R: Automatic Discrimination of Genres: The Role Of Adjectives and Adverbs As Suggested By Linguistics and Psychology. Jeng J: Usability of the Digital Library: An Evaluation Model Kim J: Task as a Predictable Indicator for Information Seeking Behavior on the Web Lee H-J: Mediated Information Retrieval for the Web Environment Ibraev U: Imposing Graph Structures on Space-Time Densities for Indexing and Retrieval Tang M-C: Browsing & Searching in a Faceted Information Space: A Longitudinal Study of PubMed Users' Assimilation With a Novel Display Tool Kelly D: Understanding Implicit Feedback & Document Preference: A Naturalistic User Study See: http://www.scils.rutgers.edu/programs/phd/students/dissertationtopics.htm</p>	<p style="text-align: center;">About Rutgers</p> <p>With more than 50,000 students on campuses in Camden, Newark, and New Brunswick/Piscataway, Rutgers is one of the nation's major state universities. Chartered in 1766, it has a unique history as a colonial college, a land-grant institution, and a state university. Its 30 degree-granting units offer majors in over 100 fields and thousands of courses. See: http://ruweb.rutgers.edu/about-the-university.shtml</p>
	<p style="text-align: center;">Cross-Disciplinary Collaboration in Ph.D. Studies</p> <p>Students in the LIS track are required to complete at least 6 credits of course work in a distinct minor area. A member of the corresponding department attends the qualifying exam.</p>	