

# LIBRARY INFORMATION SCIENCE DOCTORAL STUDIES AT RUTGERS THE STATE UNIVERSITY OF NEW JERSEY

In the School of Communication, Information and Library Studies  
*The Information Science Track*

<p style="text-align: center;"><b>The Faculty</b></p> <p>Rutgers has one of the largest groups in the country dedicated to studying all aspects of the Digital Library Revolution. Our full time faculty includes: <b>(please send an honor)</b> <i>Nicholas Belkin</i>, (ASIST Teaching Award) Human Information Behavior <i>Marija Dalbello</i> ( ) Cultural significance of Digital Libraries <i>Jacek Gwizdka</i> ( ) Human cognitive factors and communication <i>Paul Kantor</i> (Fellow, AAAS) Information Filtering; Evaluation; Image Libraries <i>Michael Lesk</i> (Member, National Academy of Engineering) Systems <i>Ya-ling Lu</i>: ( ) Digital Libraries for Children <i>Claire McInerney</i>: ( ) Knowledge Management in Digital Environments <i>Gheorghe Muresan</i> ( ) Effectiveness; collaborative systems; personalization <i>Marie Radford</i> ( ) Online interactive reference systems <i>Tefko Saracevic</i> (ASIST Award of Merit) Relevance; Evaluation <i>Anselm Spoerri</i> ( ) Visualization of Information; Massive Evaluation <i>Nina Wacholder</i> ( ) Natural Language and DL Indexing; <i>Xiangmin Zhang</i> ( ) Collaboration for Affinity Groups</p>	<p style="text-align: center;"><b>Recent Research</b></p> <p><b>Selected Funded Projects by Source:</b> <b>(please send title)</b> <i>IEEE</i> (Zhang) <i>IMLS</i> (Radford) <i>IMLS</i> (Saracevic) <i>IMLS</i> (Varlejs) <i>KDD</i> (Kantor) Monitoring Message Streams <i>NSF</i> (Belkin) <i>NSF</i> (Kantor) Indexing and Archiving Dynamic Brain Images <i>NSF</i> (Lesk &amp; Sarcevic) <i>NSF</i> (Lesk&amp;Wacholder) Others?...</p>	<p><b>Applications and Funding</b></p> <p><b>Support:</b> Students in the Information Science track are supported by several means: Teaching Assistantships; Research Assistantships; Part-time Lecturer posts, and Hourly work. Assistantships are currently <b>\$X</b> per year, and include full tuition and benefits, and as much as 6 credits of summer coursework. Lecturer posts are typically <b>\$X per course</b>. Hourly work is competitive, and is negotiated with the director of the project for which you will be working. It does not carry health benefits. <b>Application Processes:</b></p>
<p style="text-align: center;"><b>Cross-Disciplinary Collaboration in Projects</b></p> <p>Extensive collaboration is a hallmark of the Rutgers research style in LIS, and we frequently collaborate with researchers in: <b>Public Policy; Critical Analysis; Computer Science; Operations Research; Information Management; Cognitive Sciences; Psychology; Electrical and Computer Engineering.</b></p>	<p style="text-align: center;"><b>Selected Recent Doctoral Theses</b></p> <p><i>Jeng</i>: Usability of the Digital Library: An Evaluation Model <i>Kim</i>: Task as a Predictable Indicator for Information Seeking Behavior on the Web <i>Lee</i>: Mediated Information Retrieval for the Web Environment <i>Ibraev</i>: Imposing Graph Structures on Space-Time Densities for Indexing and Retrieval <i>McNally</i>: Analysis of Students' Mental Models: Using the Internet in An Authentic Learning Situation. <i>Sun</i>: Automatic Assessment of Non-Topical Properties of Text by Machine Learning Methods <i>Tang</i>: Browsing and Searching in a Faceted Information Space: A Longitudinal Study of PubMed Users' Assimilation With a Novel Display Tool <i>Kelly</i>: Understanding Implicit Feedback and Document Preference: A Naturalistic User Study <i>Kim</i>: A Model of Digital Library Information Seeking Process (DLISP Model) As A Frame for Classifying Usability Problems</p>	<p><b>About Rutgers:</b></p>
	<p style="text-align: center;"><b>Cross-Disciplinary Collaboration in Studies</b></p> <p>Students in the LIS track are required to complete 6 credits of course work in a distinct minor area. A member of the corresponding department attends the qualifying exam.</p>	

