# 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

## The Faculty
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:

- Nicholas Belkin. (ASIST Teaching Award) Human Information Behavior
- Marija Dalbello. Cultural significance of Digital Libraries
- Jacek Gwizdka. Human cognitive factors and communication
- 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
- Gheorghe Muresan. Effectiveness; collaborative systems; personalization
- Marie Radford. Online interactive reference systems
- Tefko Saracevic. ASIST Award of Merit Relevance; Evaluation
- Anselm Spoerri. Visualization of Information; Massive Evaluation
- Nina Wacholder. Natural Language and DL Indexing;
- Xiangmin Zhang. Collaboration for Affinity Groups

## Recent Research

### Selected Funded Projects by Source:

- IEEE (Zhang)
- IMLS (Radford, Saracevic, Varlejs)
- KDD (Kantor) Monitoring Message Streams
- NSF (Belkin, Kantor, Lesk & Sarcevic, Lesk&Wacholder)
- Others?

## Applications and Funding Support:

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 $X per year, and include full tuition and benefits, and as much as 6 credits of summer coursework. Lecturer posts are typically $X per course. 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.

### Application Processes:

- Cross-Disciplinary Collaboration in Projects

  Extensive collaboration is a hallmark of the Rutgers research style in LIS, and we frequently collaborate with researchers in: Public Policy; Critical Analysis; Computer Science; Operations Research; Information Management; Cognitive Sciences; Psychology; Electrical and Computer Engineering.

- Selected Recent Doctoral Theses

  - Jeng: Usability of the Digital Library: An Evaluation Model
  - Kim: Task as a Predictable Indicator for Information Seeking Behavior on the Web
  - Lee: Mediated Information Retrieval for the Web Environment
  - Ibraev: Imposing Graph Structures on Space-Time Densities for Indexing and Retrieval
  - McNally: Analysis of Students' Mental Models: Using the Internet in An Authentic Learning Situation.
  - Sun: Automatic Assessment of Non-Topical Properties of Text by Machine Learning Methods
  - Tang: Browsing and Searching in a Faceted Information Space: A Longitudinal Study of PubMed Users' Assimilation With a Novel Display Tool

- Cross-Disciplinary Collaboration in Studies

  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.

- About Rutgers: