

McMASTER UNIVERSITY
GRADUATE PROGRAM IN STATISTICS

STATISTICS SEMINAR

Speaker: Cathy Moulder, Curator of the Lloyd Reeds Map Collection,
McMaster University Library

Title: *“Geographic Information Systems”*

Day: Friday December 10, 2004

Time: 2:30 - 3:30 PM

Place: BSB/106

(Note change from usual date/time/location)

SUMMARY

In the past fifteen years, a Canadian invention has quietly changed the way people view the world. This technology is Geographic Information Systems (GIS), a computer-based tool for mapping and analyzing things that exist and events that happen on earth. GIS integrates common database operations such as query, reporting and statistical analysis with the unique visualization and geographic analysis benefits offered by maps. GIS technology lets you see, explore and analyze data by location, revealing hidden patterns, relationships and trends.

This session will introduce GIS and some of the basic principles it uses, and will demonstrate some of the types of geospatial data (maps and remotely sensed images) available through the University Library.



ABOUT THE SPEAKER: Cathy Moulder is the Curator of the Lloyd Reeds Map Collection, McMaster University Library. She is responsible for geographic information, including the University's great rare map collection as well as the modern maps, and most recently the geospatial data, which the Library is acquiring to support programs and courses in GIS. Moulder graduated from McMaster and completed her Master of Library Science degree at the University of Toronto. She has recently completed McMaster's post-graduate GIS Specialist Program.

She is known provincially and nationally through her research and presence on professional bodies. She is editor of the *Bulletin of the Association of Canadian Map Libraries and Archives* (ACMLA) and in May 2000 she received ACMLA's Honour Award for outstanding contributions to the profession of map librarianship. This past Spring, Moulder received the first Librarian Outstanding Service Award from the McMaster University Faculty Association.

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