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# Bringing Geospatial Technology (GIS) to the Curriculum

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## **Bringing Geospatial Technology (GIS) to the Curriculum Interim Report (Summer, 2010)**

### Co-Principal Investigators:

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Geographic Information Systems utilize data that has location information associated with it – a location such as an address or latitude and longitude. This leads to the ability to solve problems with an underlying spatial focus. Whether real-time sensing of scientific data, conducting market analysis, understanding socio-economic population trends, conducting epidemiological studies, or teaching kids how to better understand their world, GIS systems provide a unique way for students, faculty, researchers, and professionals from a variety of disciplines to understand, analyze, and visualize data in different ways.

### **Project Goals Accomplished**

- Developed a ½ day hands-on workshop in GIS
- Delivered 2 of 4 workshops to faculty in New York and Pleasantville. Approximately 25 faculty representing Lubin, Seidenberg, Education, Dyson, and Lienhard attended.
- Began the development of interdisciplinary GIS community to share ideas and resources
- Created a multi-campus GIS learning lab. Both the Mortola Library in Pleasantville, and the Birnbaum Library in New York have ESRI licenced classrooms for GIS.

### **Time table for completion of the grant activities**

September 2010 –November 2010

Offer 2 seminars (1 in NY, 1 West)