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*Image of upcoming Mystery Map Game*
Initiatives


  The project “aims to create and construct an interactive, web-based platform of the city of Paris by using a hypermedia environment with the Geographic Information Sciences (GIS) technology in order to explore and study the historical layers of Paris and foster critical thinking skills through the combination of time and space.”

- Planning Committee for the 6th annual spring NEARC conference at Smith, scheduled for Tuesday, May 11th 2010 in the Campus Center.

- Applied and participated in the Institute for Enabling Geospatial Scholarship at the University of Virginia, November 15-18, 2009.


- Developed collaborative database mapping system with Google Fusion Tables for Peter Gregory and Jamie Hubbard.

- Continue beta-testing for ESRI’s ArcGIS 9.4 software.

- Continue prototyping a Spatial History of Smith Campus

News of Interest

- Working with Town Northampton DPW to host their “drainage” map our Interactive Mapping Server (ArcGIS Server)

- Collaborating with a California software developer to articulate how spatial data discovery tools can be used in Higher Education (VoyagerGIS)

- Food Bank of Western Massachusetts Mapping (see Service)


- Mystery Map series evolving to become Mystery Map Games. Over 120 people played the last game. Next game involves mapping locations indentified in the 1933 film titled “A FRESHMAN COMES TO SMITH”. Map viewers must guess these locations within a certain amount of time based on clues provided.
Usage / Classes

<table>
<thead>
<tr>
<th>Class Name</th>
<th>Course Code</th>
<th>Students</th>
<th>Primary Use</th>
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</thead>
<tbody>
<tr>
<td>Biodiversity, Ecology, and Conservation Lab</td>
<td>BIO155</td>
<td>10</td>
<td>GPS</td>
</tr>
<tr>
<td>The Environment (3 sections)</td>
<td>GEO109</td>
<td>25</td>
<td>GIS</td>
</tr>
<tr>
<td>Discovering Mathematics: Math as Art*</td>
<td>MTH105</td>
<td>12</td>
<td>Presentation</td>
</tr>
<tr>
<td>Geomorphology</td>
<td>GEO251</td>
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<td></td>
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</tr>
<tr>
<td>Seminar: Topics in Anthropology: Prehistory of Food</td>
<td>ANT347</td>
<td>10</td>
<td>Google Earth</td>
</tr>
</tbody>
</table>

*Also listed as “Discovering Mathematics: Doughnuts, Coffee Cups and the Shape of the Universe”

Support and Service

- Mapping for the Food Bank of Western Massachusetts. A series of seven (7) maps depict themes such as vulnerable populations, food security, and community nutrition for the Northern Berkshires, Franklin, Hampshire, Hampden Counties, and the Mason Square area of Springfield.
- Continue working on Northampton Trails mapping (with Nick Horton and students)
- Working with the Office of Educational Outreach to map 20 years of participants from the Summer Science program.

Faculty / Staff / Student Support

- Bob Burger
- Jamie Hubbard
- Elaine Chittenden
- Cheryl Obremski
- Jesse Bellemare
- Paul Newlin
- Cat McCune
- Helene Visentin
- Amy Rhodes
- Carla Cooke
- Elliot Fratkin
- Bosiljka Glumac
- Peter Gregory
- Sue Froehlich

Outreach

- Class visits: Religion 266: Buddhism in America and Math 105: Discovering Mathematics: Doughnuts, Coffee Cups and the Shape of the Universe
- Spring NEARC – May 11 2010 in the Campus Center
General Support

- Poster printing
- System Administration
- Programming / Scripts
- Mapping/Cartography Projects

Ongoing Program Support and Development

- Continued support for Botanic Garden tree and plant mapping
- Continued support for mapping Buddhism in the Pioneer Valley

Programmatic

- Web Page Update and Maintenance
- System Administration (new Domain Server, Summer 2009)
- Valley GIS Meetings
- Five College GIS Meetings
  - SAL Blog; Screencasts; podcasts

Student Assistants

- Ellie Glasser ’10
- Sarah Mottie ’10
- Anna Cressotti ’10

Software & Data

- Enabled license for Premium Map Service: Bing Maps
- Acquired ESRI ArcPad 8.0

This premium map offers worldwide orthographic aerial and satellite imagery. Coverage varies by region, with the most detailed coverage in the USA and United Kingdom.

1933 movie used for current mystery game map