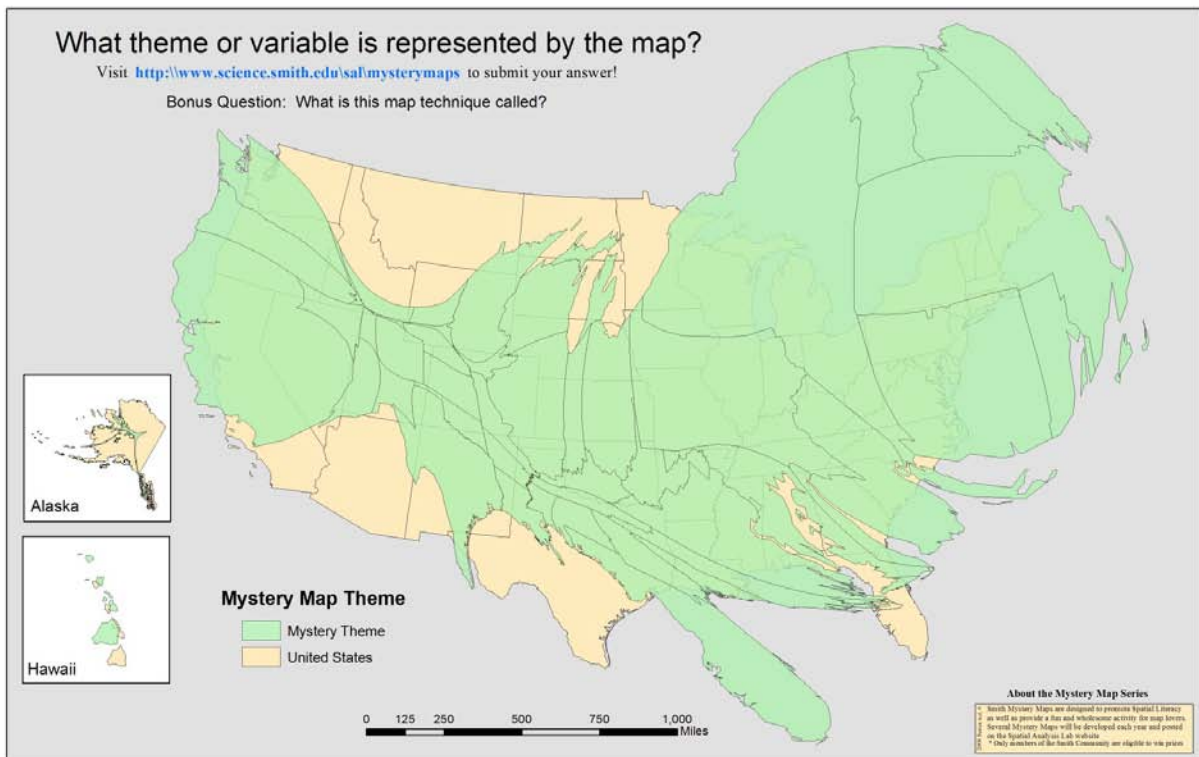


spring 2009 Report

Available on-line at: <http://www.science.smith.edu/sal/docs/reports/>
username: sal ; password: gis

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Initiatives

- Finalized planning with Amherst, Vassar, Williams, Skidmore, Wheaton, and Trinity College to develop a NITLE sponsored conference titled “[Geospatial Technologies in the Liberal Arts](#)”. Conference scheduled for September 25 - 27, 2009 (6:00 PM, Friday - 12:00 PM, Sunday, EDT). [Skidmore College](#), Saratoga Springs, NY
- Planning Committee for the 5th annual spring NEARC conference at Smith, scheduled for Tuesday, May 12th 2009 in the Campus Center.
- Developing a 3 day workshop with a working title of “The New Cartographers” that will be part of the CET 2009 “Digital Scholar” spring symposium
- Co-wrote, with Dana Leibsohn, a grant to CET to acquired 10 Garmin eTrex GPS units for class use.
- Awarded a CET grant to purchase 2 licenses of **Capturx™ for ArcGIS Desktop®**. Capturx for ArcGIS Desktop enables you to print out any ArcGIS map and feature legend on standard paper, and then make changes and annotations to the map in ArcGIS by simply writing on the printed map.

News of Interest

- Acquired, with the help of Bob Burger, twenty-five (25) copies of full one year licenses for ArcGIS 9.3 and extensions that can be distributed to current and / or graduating students.
- Sarah Motti, '10 presented her research, “[Developing a Hazardous Tree Rating System](#)” at the [Five College GIS Day, November 18, 2008](#) at Mount Holyoke College.
- Mollie Gabriel, 'J09, presented a poster titled “[Using Network Analyst to Map Student Schedule](#)” at the Five College GIS Day, November 18, 2008 at Mount Holyoke College.
- Jon Caris gave a talk titled “[GIS without the hassle: using model builder in the classroom](#)” at the Five College GIS Day, November 18, 2008 at Mount Holyoke College.
- December 2008 Mystery Map remains unsolved!

Usage / Classes spring 2009

Class Name	Course Code	Students
Modeling Our World: An Introduction to GIS	GEO150	21
Geomorphology	GEO252	13
Vertebrate Anatomy and Evolution (lab)	BIO245b	11
The Environment	GEO109	~ 30
Architecture and the Built Environment	ARH150	

Support and Service

- Updating Northampton Bike Trails Map (with Horton, Cardell , and Hartenian '11)
- Cartography for Lester Little manuscript titled “ “
- Generate field maps for Cat Island, Bahamas trip, January 2009
- Advise GPS purchase for Botanic Gardens (Polly Lane)
- General support for students conduction research at MacLeish Field Station
 - Scanning, GPS, ESRI Virtual Campus accounts
- Google Earth files for the Wellness Office (campus running routes)
- Megan O'Connor (GIS analysis in support of her doctoral studies at Umass)
- Dano Weisbord: Highest elevation on Whately Property
- Participated in search process for the Latin American archaeology position

Faculty / Staff Support

- Bob Burger
- Jamie Hubbard
- Elaine Chittenden
- Reid Bertone-Johnson
- Amy Rhodes

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
- Continues support for mapping Buddhism in the Pioneer Valley

Programmatic

- Web Page Update and Maintenance
- System Administration
- Valley GIS Meetings
- Five College GIS Meetings
- SAL Blog; Screencasts; podcasts

Student Assistants

- Ellie Glasser '10
- Sarah Mottie '10
- Junzho Guo '12

Software & Data

- See initiative section above.



Home	Morning Session
Schedule and links to presentations	10:00am Welcome and Activities Overview - Thomas L. Millette
Photos of the event	10:15 - 10:45 Alexander Stepanov (UMass) GIS in Facilities Management/3D Building Models
Event Sponsors	10:45 - 11:30 Christian Jacqz (MassGIS) Vehicle Miles in Massachusetts
Previous 5 College GIS Day at UMass	11:30 - 12:00 Jon Caris (Smith College) GIS without the hassle: using model builder in the classroom
GIS Day poster (PDF)	12:00 - 12:30 Lunch
Contacts	12:30 - 1:30 Keynote speaker: Yelena Ogneva-Himmelberger (Clark University) Using GIS in the National Children's Study
	Afternoon Session
	1:30- 1:45 Mailli Page (UMass): Using GIS to Assess Coyote Habitat Preference on Cape Cod
	1:45- 2:00 Caitlin Dickinson (MHC): Measurements of Tree Heights Using AIMS Sensor
	2:00 - 2:15 Sarah Motti (Smith): Developing a Hazardous Tree Rating System
	2:15 - 2:30 Samantha Farrell & Isabelle Castillo (MHC): The Distribution and Impact of the Hemlock Woolly Adelaid on Eastern Hemlock Stands in the Northeast
	2:30 - 3:00 Charlie Schweik (UMass): An overview of open source, open source GIS and the OSGeo Foundation
	3:00 - 3:30 Posters by
	Andy Anderson (Amherst): Creating Cartograms: Making Geographic Areas Speak Volumes
	2: Mollie Gabriel (Smith): Using Network Analyst to Map Student Schedule
	Kataharine Sims (Amherst): Protected Areas, Land Use and Local Economic