

CGSI (Campus GeoSpatial Information) is a campus initiative to design and deploy an enterprise geographic information system (GIS) that will aid the university in managing its resources and provide decision support tools to help build a green campus. The primary developers of the GIS are graduate and undergraduate students of UMBC with the goal of producing maps and facility floor plans linked to relevant campus databases. The result of this initiative will allow the UMBC campus community to leverage through web interfaces all the university's physical assets. CGSI is at present sustained by resources within the departments of Facilities Management (FM); Center for Urban Environmental Research and Education (CUERE); Geography and Environmental Systems (GES); and the Division of Information Technology (DoIT).

----- STUDENT CONTRIBUTORS -----

----- SPONSORS and CONTRIBUTORS -----

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CGSI Project Initiator And Funding (1999 - 2009)

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MD STATE HIGHWAY ADMINISTRATION (GIS Specialist)
Data Development / GIS Applications Development (2002-2005)

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GIS Software Specialist (2002-2010)

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CGSI Guidance

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CGSI Server Maintenance / Technical Assistance

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Environmental Safety and Health
Applications Development And Funding

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Baltimore County Government - GIS Division
Data Sharing and Advice (2000 to Present)

Josh Cole /
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Erin Lesh

2001-2002
BS GEOGRAPHY (GES) / PSYCHOLOGY
GPS Campus Site Mapping Project
Campus AutoCAD Site Model Project
Site Model Shapefile GIS Development
Forest Conservation GIS

Andrea Claypool

2004
BS GEOGRAPHY (GES)
Campus Tree Inventory Mapping

Jon Curtis

2006
BS GEOGRAPHY (GES)
Campus Road Shapefile Development

Steven Marsh

2005-2006
BS GEOGRAPHY (GES)
Campus Tree Inventory Shapefile GIS

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2009
BS GEOGRAPHY (GES)
CAD Conversion and Development
of Site Model File Geodatabases
Developed FLEX api for Campus Map Viewer
ESH Applications Development