

Register by  
December 14<sup>th</sup> for a  
\$300 Savings!

June 16<sup>th</sup>-22<sup>nd</sup>, 2013

Grades 7<sup>th</sup>-12<sup>th</sup>

Cost: \$1,295

Limited scholarships are  
available.

Questions? Contact:

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Center for Environment & Society  
AT WASHINGTON COLLEGE



# Geospatial Discoveries Summer Program

## Program Tracks

You Choose One

### 3D Visualization and Virtual World Development

Come explore the alternate realities of virtual worlds and 3D visualization in an exciting program track designed to introduce you to new technologies used to create realistic visualizations of our world. Attendees will learn how to use Google SketchUp, Autodesk 3ds Max, GeoWeb3D and the very advanced Unity 3D virtual world game development software. Our project will focus on recreating the town of Chestertown in 1920 or the Pluckemin Artillery Cantonment in 1778, establishing some game design and story plots, and exploring our alternate reality.

### CSI—Crime Analysis and Geospatial Intelligence

More and more law enforcement agencies are using advanced geospatial technologies to solve crimes in America. In this program track you will learn how to use advanced geographic information systems to create predictive models to assist cops in preventing crimes. By analyzing spatial distributions of various factors, and creating risk terrain models, you will be able to predict where future crime will occur. Real world examples will be used and your analysis will be shown to law enforcement so they can catch the bad guys with your help.

### Marine Exploration and Discovery

You will compete to build and launch a buoy that holds the most payload and then construct and deploy a Basic Observation Buoy that measures water quality in the Chester River. You will form teams to design, build, launch and operate a working underwater robot. Finally, you will embark aboard Washington College's research vessel Callinectes, deploying a suite of seafloor mapping instruments that will allow you to map the Chester River bottom. Perhaps, along the way, you will come across evidence of a long lost shipwreck.

Check out our website for more details on how to apply <http://gis.washcoll.edu>

