



# GeoFest Conference 2014

Sponsored by the  
New York Geographic Alliance and the  
Chemistry/Geosciences Department of MCC  
*October 18, 2014 – 9:00 AM*



We are connected by **water...** and  
by **GEOGRAPHY!**

## SCHEDULE

8:30 – 9:00 AM	Registration and Refreshments – Bldg. 8-200
9:00 – 9:20	Opening Session
9:30 – 10:20 AM	Session A *
10:30 – 11:20 AM	Session B *
11:30 – 12:20 PM	Session C *
12:45 PM	Meet in Room 310 for Susan B. Anthony Tour
1:00 – 1:30 PM	Lunch in Park
1:30 – 2:30 PM	Tour of the Susan B. Anthony House

## ROOM LOCATIONS

All the workshops will be held in **Building 11**. Signs are in the hallways pointing you the way. The computer lab is on the first floor(\*). All other workshops are on the third floor.

**E = Elementary, M = Middle School, H = High School, A = All Levels**

## WORKSHOPS

### SESSION A – 9:30 – 10:20 AM

<b>Workshop #</b>	<b>Name of Workshop</b>	<b>Presenter(s)</b>	<b>Location</b>
A1 <b>E,M</b>	Erie Canal Module Lessons	Gail Hall	Room 303
A2 <b>A</b>	Books, Books Everywhere: Including Water!	Mary Duffin Donna Merlau	Room 306
A3 <b>E, M</b>	Water Sampling: Getting your Feet Wet! Part I	Prof. Stephen Vermette	Room 309
A4 <b>A</b>	Rockets to the Rescue	Susan Hoskins	Room 313
A5 <b>A</b>	Studying Geography Using ArcGIS Online	Peter Rothfuss	Room 102*

## SESSION B – 10:30 - 11:20 AM

Workshop #	Name of Workshop	Presenter	Location
B1 E,M	Lessons for the Atlas of New York I	Timothy McDonnell	Room 303
B2 E,M	Updates on Social Studies from NYSED	Patricia Polan	Room 306
B3 M,H	Water Sampling: Getting Your Feet Wet – Part II	Prof. Stephen Vermette	Room 309
B4 A	The Geography of Food – GAW 2014	Dr. Gale Sookdeo	Room 313
B5 A	Exploring the World from a Birdseye View – Part I	Andy Mendola – Pictometry	Room 102*

## SESSION C – 11:30 AM – 12:20 PM

Workshop #	Name of Workshop	Presenter	Location
C1 E,M	Lessons for the Atlas of New York II	Timothy McDonnell	Room 303
C2 M,H	Finding a NEAD and Filling It with GIS	Joseph Becker Thomas Cuyler	Room 306
C3 M,H	Mapping New York State Game Fishes	Jennifer Markham Cyan Montz	Room 309
C4 A	The Power of Germany's Geography	Karen Doolittle	Room 313
C5 A	Exploring the World from a Birdseye View – Part II	Andy Mendola – Pictometry	Room 102*

- At the end of Session C, you will receive a **certificate of participation**. If you are taking the tour of the Susan B. Anthony House, please meet in Room 306, Building 11. You can pick up your lunch and then proceed to the Golden Memories Bus in Lot M.

# Workshop Descriptions

\* Indicates a double session

## Session A – 9:30 – 10:20 AM

**A1 – *The Erie Canal Module – Lessons Aligned with the Common Core:* Gail Hall (NYGA Board of Directors Member)** – The New York Geographic Alliance has created a module of lessons for Grades 4/5 on the Erie Canal. They are designed to work well with CCSS. In this workshop, we will look over two lessons that use close reading while teaching about the geography of New York. Materials will be provided. **Room 303**



**A2 – *Books, Books Everywhere – Including some on Water!:* Donna Merlau, Mary Duffin (NYGA Board of Directors Members)** – A wide variety of picture books and trade books will be presented and discussed that can be used to help students at the elementary, middle, and high school levels to explore geographic and other social science concepts. Come learn about books that can be used to engage students in the social studies classroom. Book lists will be provided. **Room 306.**



**A3 – *Water Sampling: Getting Your Feet Wet\** - Stephen Vermette (Dept. of Geography, Buffalo State College):** Take 100 minutes to learn about NYGA's water quality sampling kits, as well as our classroom activities that are designed to complement these kits. See demonstrations and try your hand at one or two of the tests. Numerous tips are freely given to help you maximize your students experience at a stream. You can't get to a stream? Ask how you can move a stream into your classroom. **Room 309.**



**A4 – *Rockets to the Rescue – 4-H Science and Spatial Thinking*: Susan Hoskins (IRIS Program, Cornell University)** – Spatial thinking skills are critical to understanding the world around us. Spatial relationships are woven throughout geographic education. Using the 2014 4-H National Youth Science Day Experiment, *Rockets to the Rescue*, you can make and launch a stomp rocket in this workshop. Originally designed to explore aerospace engineering, this activity fosters

discovery and practice spatial thinking skills in aerodynamics, estimation and measurement and geography problem-solving. **Room 313**

**A5 – *ArcGIS Online – a Geographic Resource*: Peter Rothfuss (Monroe Community College)**– In this workshop, participants will have the opportunity to use the free ESRI online software to study aspects of geography. They will register with ESRI, and this will allow access to many layers of maps that show geographic concepts. **Room 102 (Computer Lab).**

## **Session B – 10:30 – 11:20 AM**

**B1 – \* *Lessons for the Atlas of New York: Legacies of the Erie Canal*: Timothy McDonnell (NYGA Coordinator)** – The *Atlas of New York: Legacies of the Erie Canal* is a new resource from the New York Geographic Alliance. We are



currently writing lessons to use with the Atlas, and we will present them during this **double-session** workshop. They can be adapted to most grade levels. All participants will receive an Atlas, digital resources, and lessons. **Room 303**

**B2 – *Updates on Social Studies from NYSED*: Patricia Polan (New York State Education Department)** - The presentation will focus on the New York State K-12 Social Studies Framework and its implementation. The proposal timeline for assessment changes will also be discussed. The workshop will include how to read the framework, and what changes are

found in the courses as well as an explanation of instructional shifts that accompany the new framework. **Room 306**

**B3 – *Water Sampling: Getting Your Feet Wet\** - Stephen Vermette (Dept. of Geography, Buffalo State College):** This is a continuation of Workshop A3. See the above description. You can join this workshop for the second part.

**B4 – *The Geography of Food: A Menu of Activities, Concepts, and Ideas:* Dr. Gale Sookdeo (New Preparatory Middle School in Queens) –** Geography Awareness Week is November 16-22, and this year's theme is *The Geography of Food*. To celebrate, the host will present a menu of resources and ideas from the National Geographic Society. Attendees will “dine” on concepts that connect with this theme, and participants will have plenty of food for thought in discussing how to use these activities to engage students and their families. In the culminating activity, attendees will be treated to a crosswalk of activities as they relate to *Differentiated Instruction*, the *Danielson Framework for Teaching*, and *Common Core Learning Standards*. **Room 313.**

**B5 – \* *Exploring the World from a Birdseye View:* Andrew Mendola (Pictometry, Inc.) –** The instructor will demonstrate the power of Pictometry imagery and Pictometry Online Application. This will be an instructor led hands-on workshop (**double session**). Topics should include logging in, overview of the interface, navigating the imagery, GIS Layers and the query tool, image analysis tools, annotations and bookmarks, saving and sharing workspaces, exporting and extracting images, preferences. **Room 102 (Computer Lab)**

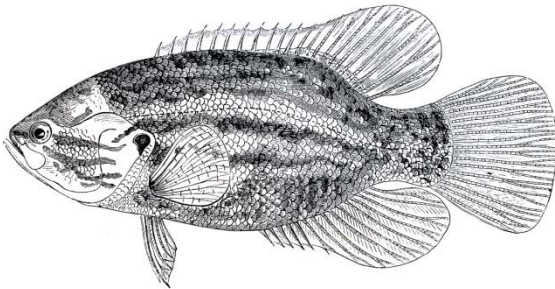


## **Session C – 11:30 – 12:20 PM**

**C1 – \* *Lessons for the Atlas of New York: Legacies of the Erie Canal:* Timothy McDonnell (NYGA Coordinator) –** This is a continuation of

Workshop B1. Participants can join for the second part, although they will miss some activities. **Room 303**

**C2 – *Finding a NEAD and Filling it with GIS*: Joseph Becker (GIS Scholars’ Advisor Advocate), Thomas Cuyler (School Without Walls, Junior)** – The GIS Scholars Project continues to grow and evolve. Started in 2012 by NEAD, it has trained over twenty teens to use GIS to study and help solved problems in their communities. The Scholars have conducted building condition surveys, mapped youth survey results, acquired K-12 licensing, poster on Facebook and ArcGIS Online, presented at EdUC in 2012 and to local groups. They started an in-school program and have secured \$50,000 to support Public Safety in their neighborhoods. **Room 306**



**C3 – *Mapping New York State Game Fishes*: Jennifer Markham, Cyan Montz (Monroe Community College)** – We will use fish printing replicas to paint or draw a general “map” of fish external anatomy, and learn to

identify images of various New York State game fishes based on their variations on this physical theme. Next, we will use these observations to infer and draw a phylogenetic tree. We will also map some New York State fishing spots, consumption advisories, and game fish conservation efforts. **Room 309**

**C4 – *The Power of Germany’s Geography*: Karen Doolittle (Vestal Senior High School)** - Why was Germany destined to become one of the most powerful nations in Europe? This workshop will provide instructors with engaging, student-centered lessons that connect Germany’s geography with its current status as a world power. In-depth resources from the Goethe Institute’s Transatlantic Outreach Program will be distributed. And



opportunities to experience Germany's geography first-hand, on a study tour, will be shared. **Room 313**

**C5 - \* *Exploring the World from a Birdseye View: Andrew Mendola (Pictometry, Inc.)*** – This is a double session, a continuation from Workshop B5. You can join it in progress, although it's better to participate in both sessions. **Room 102 (Computer Lab)**

\*\*\*\*\*

## VENDORS

**Russell Pizzuto**

**Representing Rand McNally, Barron's, and Jarrett**

*Please see him in Room 306 in Building 11.*



**RAND McNALLY**



**REMEMBER...** If you are registered for the tour of the **Susan B. Anthony House**, please assemble in Room 306 after Session C. We will take the bus into the city. It will leave at the bus loop in front of Lot M.

