

Wednesday, May 30

8:30 am - 9:00 am	Continental Breakfast	VPAC Second Floor Lobby
9:00 am - 9:10 am	Welcome and Introductions	VPAC Second Floor Lobby
9:15 am - 10:30 am	Why GIS? A Learning Environment for Inquiry <i>Speaker: Jenni Lund, Special Academic Projects Manager, Wheaton College</i> Geographic Information Systems (GIS) can serve as learning environments that allow users to explore and discover at many different levels. Attend this session to see how interactive mapping tools, including ESRI's ArcGIS Online, Google Earth, and Google Maps, make possible new insights about everything from historical exploration routes to probable consequences of global warming.	VPAC 205
9:15 am - 10:30 am	Text Analysis and Visualization with Voyant Tools <i>Speakers: Melissa Yang, Assoc. Professor, Communication & David DiSarro, Assoc. Dean, Academic Resources/Director Writing Center</i> Voyant is an open-source computer-assisted text analysis platform that offers the tools to analyze word frequencies, juxtapositions of words, and sentiments across documents. In this session, we will share the assignments we designed using Voyant to uncover distinct frames in news stories, analyze corporate/workplace documents, and facilitate the revision process within student writing. We will also guide participants through hands-on experience with Voyant Tools including Trends, Cirrus, Collocates, and others. By the end of the session, participants will be challenged to think about the application of this platform to their teaching or research.	VPAC 206
10:45 am - 12:00 pm	Case Study: Mapping and Critical Inquiry in an Honors Seminar <i>Speakers: Kelsey McNiff, Assoc. Professor, English & Jane Tutein, Instr Tech Coordinator</i> This session will describe the design and implementation of a class project that used quantitative data and digital tools to investigate the topic of American Holocaust memory. Participants will experience what it is like to work with Google My Maps and Google sheets to generate a variety of data visualizations. In addition, we will share strategies for scaffolding the sequence of assignments in collaborative student research projects.	VPAC 205
10:45 am - 12:00 pm	Network Analysis: Theory and Application <i>Speaker: Sam Alexander, Associate Professor, English</i> Network analysis is a powerful tool for posing and answering significant research questions in fields ranging from economics and sociology to history and literary criticism. This workshop will introduce the foundational concepts of this methodology and give participants hands-on experience using network analysis software to analyze sample data sets.	Lib 105
12:00 pm - 1:00 pm	Lunch	VPAC Second Floor Lobby
1:15 pm - 2:30 pm	Individual Work Time and/or Consultation Work on your own or by appointment with academic tech staff and speakers	VPAC 205
1:15 pm - 2:30 pm	Tips and Techniques for Collaborative Data Collection and Data Visualization <i>Speaker: Phil Lombardo, Associate Professor, Mathematics</i> In this hands-on workshop, we will use Google Drive and Google Sheets and walk through the process of setting up collaborative data collection using shared Google sheets, practice error checking techniques, and explore options for summarizing and visualizing different types	VPAC 206

	of data used in mapping, text analysis and network analysis projects.	
2:30 pm - 3:00 pm	Group Share Out and Daily Wrap-Up	VPAC 205
3:00 pm - 3:30 pm	Experience the Future with AR and VR Technologies <i>Speaker: Hedrick Ellis, Instructional Technologist</i> Virtual Reality (VR) & Augmented Reality (AR) have great potential for education. In this workshop you'll get an overview of the two technologies and then get a chance to play with the latest hardware and software and see some examples of educational applications. Endicott has recently purchased an Oculus Rift VR headset which you can experience for yourself!	VPAC 202
Thursday, May 31		
8:30 am - 9:00 am	Continental Breakfast	VPAC Second Floor Lobby
9:00 am - 9:10 am	Welcome and Daily Plan	VPAC Second Floor Lobby
9:15 am - 10:30 am	ArcGIS Online Basics <i>Speaker: Jenni Lund, Special Academic Projects Manager, Wheaton College</i> ArcGIS Online is an online, collaborative web GIS that allows you to create, query, analyze, and share interactive maps using public data sets and your own data. In this introductory workshop, you get hands-on experience with ArcGIS Online features to explore and analyze US 2016 election maps and other data layers.	VPAC 205
9:15 am - 10:30 am	Acquiring and Transforming Data with Scripts <i>Speaker: Hank Feild, Assistant Professor, Computer Science</i> One challenge with "big" data projects is acquiring, cleaning and formatting data sets for the selected tool, but help is available! In this session, Hank will describe the tools and support that you can tap into to generate clean data for your projects.	VPAC 206
10:45 am - 12:00 pm	ArcGIS Online: Changing Perspectives <i>Speaker: Jenni Lund, Special Academic Projects Manager, Wheaton College</i> Maps allow us to change perspective, both literally and metaphorically. With interactive maps, students can practice critical inquiry by changing scale, changing displays, and shifting their point of view. In this session, you will use ArcGIS Online to analyze Rhode Island lead paint poison sites and demographic data to practice critical inquiry with maps.	VPAC 205
10:45 am - 12:00 pm	Computational Text Analysis – Introducing Students to the Explorations of Digitized Texts <i>Speaker: Mark LeBlanc, Professor, Computer Science, Wheaton College</i> The rapid digitization of texts presents new opportunities and real barriers of entry to computer-assisted explorations of texts for both faculty and students. In our experience, scholars who might like to perform computational analysis in their areas of expertise and/or wish to teach their students how to do so become discouraged too early in the game. Join us for hands-on play in a series of exercises using the web-based tool Lexos to help you (and your students) perform new (computational) "close readings" of your digitized texts.	VPAC 206
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1:15 pm -	Individual Work Time or Consultation	VPAC 205

2:30 pm	Work on your own or by appointment with academic tech staff and speakers	
1:15 pm - 2:30 pm	<p>Introducing Nvivo: Qualitative Data Analysis Software <i>Speaker: Chris Danforth, QRS International Representative</i></p> <p>This session will provide an introduction to Nvivo, software that supports qualitative and mixed methods research by helping researchers to organize, analyze and find insights in unstructured, or qualitative data.</p>	VPAC 206
2:30 pm - 3:00 pm	<p>Next Steps and Wrap-Up</p>	VPAC 205
3:00 pm - 3:30 pm	<p>Experience the Future with AR and VR Technologies <i>Speaker: Hedrick Ellis, Instructional Technologist</i></p> <p>Virtual Reality (VR) & Augmented Reality (AR) have great potential for education. In this workshop you'll get an overview of the two technologies and then get a chance to play with the latest hardware and software and see some examples of educational applications. Endicott has recently purchased an Oculus Rift VR headset which you can experience for yourself!</p>	VPAC 202