

## **Saturday March 2**

### **Session 1 10:00**

#### **Linking Dallas to the Holocaust**

Dr. Charlotte Decoster – The Holocaust Museum  
Room 101

History is replete with examples of exclusion and discrimination of minority groups and certain ethnicities. While the German treatment of the Jewish population was a horrific prototype of genocide, continued hatred of repressed populations continues. The Holocaust Museum is dedicated to racial and ethnic understanding and education for the population of Texas. Session includes historical background on the Holocaust, use of primary documents, pedagogy, and curricular use and development.

#### **History of the Book: Ancient to Digital**

Dr. Ann Hawkins – Texas Tech University  
Room 108

Our conversation will start with a brief survey of the global and historical sweep of book history, from early writing systems, such as alphabets, to early manuscript cultures, to the rise of printing and ultimately the rise of the internet and digital technologies. And we'll end up with a conversation about how this knowledge can profitably inform your pedagogical practices to create engaging and intellectually sound classroom activities.

#### **Engaging Latinos and Other Cultures in Classes Across Campus**

Dr. Rachel Moreno – Notre Dame University  
Room 112

All faculty can work together in efforts aimed at engaging ethnic heritage students and their families in activities and academics within school. This session will explore and develop methods to help the community connect with student culture. Creating environments that engage these students to seek a Catholic education helps all students enrolled become more fully engaged in the life of the school.

#### **Mapemathical Thinking**

Dr. Bob Coulter – Litzsinger Road Ecology Center  
Room 114

Meet your math standards as you engage kids in geographically rich investigations. Everything from local populations to global climate patterns can be explored in ways that hook kids, support them in asking good questions, and develop essential skills. We'll use both online and desktop mapping tools as we go, and spend time looking at the pros and cons of each. Whatever your comfort with technology, come and see what is possible.

#### **Exploring Geography Through Children's Literature**

Dr. Paul Nagel – Midwestern State University  
Room 209

Elementary and middle school students will learn to think critically about a situation and how they might solve it. Students will draw upon their knowledge of the Five Themes of Geography while investigating their favorite places in their city or state.

## **Transforming the Learning Experience: Flipped Classrooms**

Dr. Jennifer Smolka – Walden University  
Room 211

The “Flipped Classroom” has educators stopping to wonder how they can transform the learning environment to lead to more time for collaboration and engagement. By harnessing the power of technology and the Internet, teachers are using video and multimedia to give pre-homework of more static learning activities reserving the limited classroom time for guided student work and hands-on experiences. This session will introduce the concept of a Flipped Classroom, discuss the advantages and disadvantages, show examples of learning events, and evaluate possible lesson plans for use in their classrooms.

## **World Affairs Council and a Global Education**

Jennifer Bowden – World Affairs Council  
304

Come see what WAC can offer you and your students AT NO COST and why it is so important for a 21st century education to be GLOBAL.

The World Affairs Council of Dallas/Fort Worth is a dynamic organization that brings international awareness and cross-cultural understanding to the North Texas community and presents distinguished international figures year-round for in-depth interpretations of global events. The Council presents almost 100 programs annually, primarily focusing on the international aspects of business, politics, culture and foreign policy. With the goal of connecting North Texas with the world, the Council has been educating Metroplex citizens on global affairs since 1951. The Council takes education directly into North Texas schools through its International Education Program. Additionally, it coordinates visits to North Texas of delegations and leaders from around the world through the International Visitor Program and the City of Dallas Office of Protocol.

## **What’s in Your Toolbox? A Look at Native American Stone Tool Making**

Jim Bowden – Past to Present Programs and Trading Post  
Room 306

You will never look at a rock in the same way again after this program. This flintknapping demonstration will lead you to discover what a Native American toolbox looks like, and what its contents may hold. Gain new perspectives on how each tool ties into aspects of Native American life and how you can effectively translate this to students in your classroom.

## **Starting Students on Adventures and Opportunities with Geospatial Tools**

Riley Emmons – Texas A & M University  
Room 310

This past Bishop Dunne graduate who is now a senior at Texas A & M University, will explore the exciting opportunities she has experienced in the world of geospatial.

## **Session 2 11:00**

### **The Introvert's Way**

Sophia Demling - Author  
Room 108

Meet the author of this clever and pithy book that challenges introverts to take ownership of their personalities...with quiet strength. Author, Sophia Dembling asserts that the introvert's lifestyle is not "wrong" or lacking, as society or extroverts would have us believe. Through a combination of personal insights and psychology, *The Introvert's Way* helps and encourages introverts to embrace their nature, to respect traits they may have been ashamed of and reframe them as assets.

### **Tapping Student Motivations in Classrooms Today**

Dr. Rachel Moreno – Notre Dame University  
Room 112

Students today will only care to learn to the extent they have learned that you care for them. While most teachers innately work at their jobs out of a desire to help students and make the world a better place, our actions can sometimes thwart our intentions. Join us to talk about ways we hold high standards yet convey your authentic care for their welfare.

### **Trinity Audubon: Science of the Blackland Prairie**

Zeeshan Segal – The Trinity Audubon Center  
Room 114

A former landfill, the city of Dallas reclaimed the land, remediation occurred, and 10 years later, the Trinity River Audubon Center was created through a joint partnership with National Audubon Society and the city of Dallas.

National Audubon Society focuses in conservation centered around birds in three distinct ways: Policy, Science and Education. At the Trinity River Audubon Center, there are many ways the community can be involved, from field trips for school groups, to conservation projects.

Students and teachers can join in our conservation programs, the general public can work on our lands helping with invasive species removal, habitat restoration, camps for kids, classes for families, free festivals, and more!

### **Geotech LEGO® Competition (Limit: 20 Participants)**

Play-Well TEKnologies  
Room 209

In this LEGO® Engineering workshop, teams will compete in a fun, building challenge. Through friendly competition, participants will be surprised by what they learn about themselves and how they collaborate with others.

### **Using Gaming to Teach Middle School Students**

Jeff Solomon – Christ the King Catholic School  
Room 211

I will present an overview of the online course that I use for my 8th grade students at CKS. The course provides students with an understanding of the technological and creative aspects of video game design. Students have the opportunity to learn all aspects of team building, as well as being able to participate in a

simulation of real video game design team. This provides a valuable lesson in team building that can be applied to any other aspect of the technology and engineering industries in real-life future careers.

### **Western Landscapes: “The Devil is In the Detail”**

Dr. Richard Fenker – Emeritus Professor Texas Christian University  
304

It is a rare moment that film or digital photographs capture the image the viewer is actually experiencing. This is especially true for western landscapes where the grandeur of the light and scenery often "overwhelms" when you are present but looks pretty ordinary in the final photograph. For three decades now I've been working with the light and microstructure of photographs to transform literal images into works of art (Real photographers often manage to actually take photographs that are works of art --- alas, I still have lots of work to do after I capture the image). This talk begins with my infrared work in the 1989 book on Big Bend ("Where Rainbows Wait for Rain) and then moves on to my western color panoramas that often are confused with watercolors. Finally, to end, we will experiment with natural objects such as stones, that also contain western landscapes!

### **Classroom Accommodations, Reaching All Students Every Day**

Leslie Oeftering – Bishop Dunne Catholic School  
Room 306

“Accommodating sStudent in the Classroom” will give participants an opportunity to feel what it is like to experience a learning disability while examining issues that effect students with learning disabilities in the regular classroom. Participates will learn strategies to address these issues and resources to help support the classroom goals and objectives.

### **Exploring Online Web Maps for Your Specific Discipline**

Laura Bowden - Esri  
Room 310

ArcGIS Online is a vast repository of maps and data, which can be both wonderful and overwhelming. Did you know that the Esri GIS Education Community on ArcGIS Online has created discipline-specific map galleries so that you can have the key maps you need at your fingertips? In this workshop we will explore galleries about US population and demographics, AP Human Geography, World Geography, STEM, and Coordinate Systems.

## **Session 3 1:00**

### **Communicating For Action: Writing Across the Curriculum**

Dr. Miles Kimball – Texas Tech University

Room 108

This session will focus on how to create writing assignments in any course that engage students in writing to real audiences for real purposes across the curriculum. We often think of writing in schools as a series of personal essays. But in fact the essay is a relatively minor genre, dwarfed by the number of other kinds of documents people write every day. Most essay assignments ask students to write to nobody in particular for no specific purpose other than to show an engagement with some scholastic topic or material, or to show practice of writing itself. That's hard, and students naturally do it poorly. Instead, we should be asking students to write to real people in order to change the world. In this session, we'll examine ways to help students to take control of writing so they can have a real impact on their lives, peers, and communities

### **Community Development Via Geoporters: A Costa Rican Story**

Amy Work – Geoporters

Room 112

What does community development mean? How do I get started in community development or service projects? This presentation will take a look at community development and service projects in a small coastal community in Costa Rica. Project ideas will be shared, such as mitigating trash problems, monitoring whales in the first national park in Latin America, and inspecting houses in order to prevent dengue. Lessons learned from this project as well as how to get started on your own projects in your school or community will be shared. Everyone can get involved and the result in not only a change in the community, but also those involved in the project.

### **iPad Apps for the Sciences**

Julie Carver – Jesuit College Preparatory School of Dallas

Room 114

This session will cover current uses of the iPad for various science and engineering courses, as well as the strategies used when developing those activities. We will also discuss how the iPad has allowed for modified instruction based on each student's learning style or level of content mastery.

### **Earth Science for the Elementary Classroom**

David Buehler – Geological Society of America

Room 209

This session will be a hands-on investigation of Earth science concepts for elementary classrooms. Participants will enjoy learning with this past classroom teacher the physical mysteries of Earth in a fun and engaging way.

### **Web 2.0 Tools for Elementary Classrooms**

Todd Neslony – Fields Store Elementary School

Room 211

This session will give you a look at the MANY free Web 2.0 tools for you to use in your classroom. We've taken the time to organize them and put them all in one location for you to refer back to for easy access. Come learn about the many tools that you now have at your disposal.

## **Cloud-Based Resources Collaborate Across Campus**

Ryan Moats – Bishop Dunne Catholic School  
304

Urban school students face tough logistics to coordinate busy student schedules in project work. Several tools are readily available to facilitate students working together from their homes or just across campus. Easy to set up and access Google Docs will be explored.

## **Early Human Settlement in Africa**

Hannah Moots – Perot Museum of Nature and Science  
Room 306

Hannah Moots works with the Perot Museum for Science and Nature will reflect on the nuts and bolts behind excavating a truly great archeological site. Hannah is the lead educator in paleontology and Earth science with the Perot Museum for Nature and Science. Hannah participated in the museum's expedition to study the Gobero culture in Niger. Project Exploration is working with select school partners in Dallas to bring the expedition right into the classroom!

## **Geography of Pirates**

Michelle Crane  
Room 310

The Age of Pirates may have ended long ago, but pirates still roam the high seas. Using a variety of geospatial technologies, students will explore historic and modern piracy through a series of three lessons. The lessons are aligned with state and national geography standards and emphasize geospatial thinking skills.

## **Session 4 2:00**

### **What's Holding You Back? Publishing a Mystery Novel**

Deborah Reardon - Author  
Room 108

What is holding you back! - The Road to publishing the novel - Blue Suede Shoes. Meeting your life's personal deadlines one purposeful step at a time, however small!

To quote Dan Millman in THE LAW OF PROCESS - "Process transforms any journey into a series of small steps, taken one by one, to reach any goal."

Goals don't have to be mighty or well known but everyone has a song in their heart or some gift to share. Whether it's to be a better parent or to run a marathon, anything can be achieved if we take "steps" rather than seek instant gratification. If we take steps rather than wither beneath a mountain of goals we'll find success at something we love. I've spent my lifetime chipping away at those little things that interfere with forward progress. Anything is possible if we believe.

### **Investigating Missing Mass in the Universe: Dark Matter**

Dr. Mary Urquhart – University of Texas, Dallas  
Room 114

Join Space Scientist and physics/astronomy education specialist Dr. Mary Urquhart as she describes the observations and challenges behind one of the biggest questions in modern cosmology and ways to integrate cutting-edge science into secondary classrooms. A link to downloadable space science resources from The University of Texas at Dallas (UTD) will be provided. The presentation will highlight the dynamic nature of science, the origin of the idea behind dark energy, and her UTD colleague Dr. Mustapha Ishak-Boushaki's NASA-supported cosmology work.

### **Starting a GATE Program**

Kasey Dow – Christ the King Catholic School  
Room 209

Starting an elementary gifted and talented pullout program can be a daunting task. Come and hear what has worked successfully for Christ the King School for the last 18 years. Student identification, testing, and curriculum will be discussed.

### **Funky and Freaky Trends in World Music**

Julia Gray-Lion – Bishop Dunne Catholic School  
Room 211

Today's technology makes provisions for sharing ideas from across cultures and borders. Come examine musical trends from around the world. Participants will explore projects that take advantage of technology to create partnerships between these regional centers of musical strength!

### **Beyond Classroom Walls Technology for e-Learning**

Joy Gardner – Bishop Dunne Catholic School  
304

If you are looking to enhance your students' educational experience beyond traditional classroom walls, then this session is for you. This working session will briefly explore differences in asynchronous and

synchronous learning, and explore technologies that are used for both. Participants will experience and explore uses of various conferencing applications, learning management systems, and more. Participants may bring laptops to further enhance their experience.

### **Tales of a Geospatial Swiss Army Knife**

Stacey Maples – Yale University  
Room 306

In an era when anyone can make a Google Map Mash-up and when we carry GPS enabled smartphones capable of embedding Latitude and Longitude Coordinates in every snapshot we take, is there still a need for professional map makers? Stacey Maples will address this question and discuss what it takes to be a "Geospatial Swiss Army Knife" at Yale University. Highlighting some of his recent work, Maples will make the case for professional map makers in the 21st century. From the investigation of an historical mystery in a cemetery on Martha's Vineyard to helping relocate archaeological sites on the vast Mongolian Steppe, Maples will discuss what professional map makers do, today, and what they can do for scholarship in the future.

### **Environmental Science and Community Projects**

Brad Baker – Bishop Dunne Catholic School  
Room 310

In this presentation, participants will see how the free ArcGIS Online mapping tool was used with students to build community maps to do geographic and environmental projects.