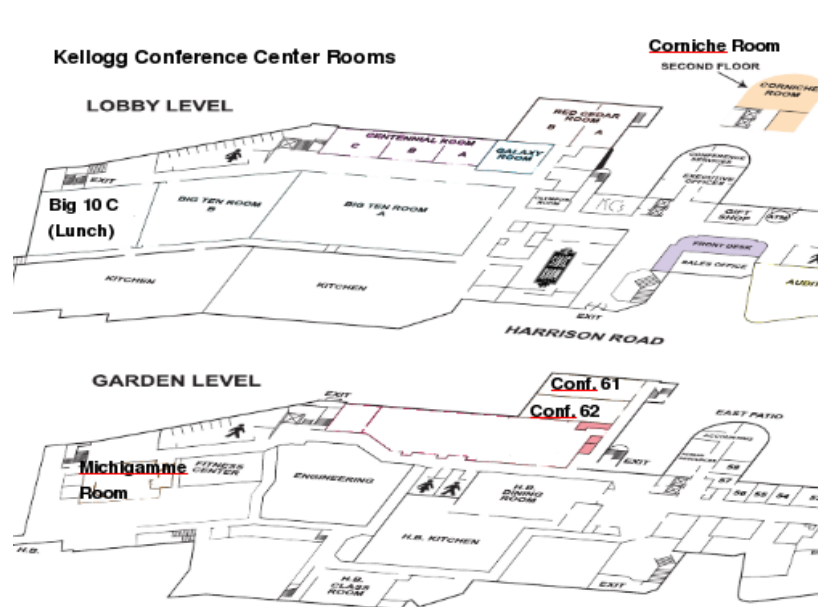




**ANNUAL MEETING OF THE EAST LAKES DIVISION  
ASSOCIATION OF AMERICAN GEOGRAPHERS**

**Department of Geography  
Michigan State University  
East Lansing, Michigan**

**October 19 & 20, 2007**



**A .pdf of Abstracts is posted on the MSU Geography web site.**

**PROGRAM**

**Session A1 (8:15-9:35) Student Competition Papers I**

**Michigamme Room (Garden Level)**

**Chair: Guo Chen, MSU Geography**

**(8:15-8:35)** David Dean, The University of Toledo

**Title:** Application of GIS Technology to Oil Spill Contingency Planning and Response

**(8:35-8:55)** Domonique Chapa, Wright State University

**Title:** The Relationships Between Pediatric Respiratory Diseases and Socioeconomic/Urban factors in Montgomery County, Ohio  
**Other Authors:** Dr. Daniel Johnson

**(8:55-9:15)** Ivan J. Ramirez, Michigan State University/ Center for Capacity Building, NCAR

**Title:** El Niño Affairs: a Climate and Development Model for Latin America

**(9:15-9:35)** L. Crosby Savage, Michigan State University

**Title:** Characteristics of a mountain slope flow and its interactions with synoptic scale forcing

**Session A2 (8:15-9:35) Student Competition Papers II**

**Conference Room #62 (Garden Level)**

**Chair: Ashton Shortridge, MSU Geography**

**(8:15-8:35)** Alan Grove, University of Cincinnati

**Title:** Following Tracks in the Snow: Tracking Geopolitical Theory in the Arctic

**(8:35-8:55)** Andrew Shears, Kent State University

**Title:** Erasing Space: May 4, 1970 at Kent State University

**(8:55-9:15)** BJ Arnold, Kent State University

**Title:** The paleohydrology of the Chautauqua Tunnel Valley Network, NW Pennsylvania

**(9:15-9:35)** James Eichstaedt, Western Michigan University

**Title:** Mixed-Use Development Proposal

**Session A3 (8:15-9:35) Student Competition Papers III**  
**Conference Room #61 (Garden Level)**  
**Chair: Sue Grady, MSU Geography**

**(8:15-8:35)** Douglas Schoewe, Wright State University  
**Title:** Radon and Lung Cancer of Ohio

**(8:35-8:55)** Marina Islas, Aquinas College  
**Title:** A Changing Ethnic Landscape: A Look at the Spatial Distribution of Hispanics in Grand Rapids, Michigan

**(8:55-9:15)** Richard Sadler, University of Michigan - Flint  
**Title:** Suitability Analysis to Environmental Planning at Camp Tapico

**Session A4 (8:15-9:35) Ecological Geography**  
**Corniche Room (2<sup>nd</sup> Floor):**

**(8:15-8:35)** Kathleen Baker, Western Michigan University  
**Title:** Fraxinus (Ash) in a Great Lakes Urban Street Tree Community, Kalamazoo, Michigan  
**Other Authors:** Dave Lemberg, Western Michigan University

**(8:35-8:55)** Kyle Evered, Michigan State University  
**Title:** Demirel and the Duck: Lake Burdur and the Poldictal Ecologies of Wetlands in Turkey

**(8:55-9:15)** Malinda Van Sledright, Western Michigan University  
**Title:** Resource Base of the Aguaje Palm (*Mauritia flexuosa*) in the Peruvian Amazon.

**(9:15-9:35)** Patrick Lawrence\*, University of Toledo  
**Title:** What we learned from the Red Cedar Creek at Michigan State University: Planning for the Ottawa River at the University of Toledo  
(\* also Chairing session)

**COFFEE & POSTERS**

**(9:35-10:30) Spartan Room (Garden Level)**

Allison Miles and Michelle Rigg, Wright State University  
**Title:** Asthma and the Built Environment  
**Other Authors:** Dr. Daniel Johnson, Wright State University

Andrea Craft, DePaul University  
**Title:** Beyond Boystown: critically mapping Chicago's queer spaces

Antionette Zaker, University of Michigan-Dearborn  
**Title:** There's no Place like Home: Using GIS to Determine the Potential Inundation of Land and Displacement of People in the State of Florida Due to Future Sea Level Rise  
**Other Authors:** Dr. Jacob Napieralski, University of Michigan-Dearborn

Eric Bacyinski, University of Michigan - Dearborn  
**Title:** Correlating Voting Trends with Beer, God and Books in Plymouth, MI  
**Other Authors:** Dr. Jacob Napieralski; University of Michigan - Dearborn

Eric Sandberg, Michigan State University Geography Department  
**Paper Title:** Viticulture Suitability in Michigan  
**Other Authors:** Mark Finn, MSU Geography

Jessie Aerts, MDOT NMU  
**Title:** Superior Region-Central Road and Trail Cycling Guide

Jerry Green, Miami University  
**Title:** Railroad Transfer Boats on the Inland Rivers

Julie Cislo, Northern Michigan University  
**Title:** Preliminary Land Use Analysis of the Pictured Rocks National Lakeshore

Lydia Radden, University of Michigan Dearborn  
**Title:** Discovering new territory, using Arc/GIS to correlate higher AIDS percentages with: the capital gross national income, life expectancy at birth, literacy rate, fertility rate, unemployment, and human poverty index.  
**Other Authors:** Prof. Jacob Napieralski, University of Michigan Dearborn

Nick Nalepa, University of Michigan-Dearborn  
**Title:** Comparing the Reliability of Different Compactness and Shape Indices to Measure Drumlin Form  
**Other Authors:** Jacob Napieralski University of Michigan-Dearborn

Pariwate Varnakovidia, Michigan State University Geography  
**Title:** Hospital cluster evaluation: correlation between travel time and hospital visits for the state of Michigan  
**Other Authors:** Joseph P. Messina and Mark Finn, Michigan State University

Tara LaLonde, Department of Geography, Michigan State University  
**Title:** Error Assessment of the Shuttle Radar Topography Mission (SRTM) Elevation Model Using Light Detection and Ranging (LiDAR)-derived Data

Timothy Elkins, University of Michigan - Dearborn  
**Title:** Spatial Storm Distribution and the Effects of Permeability on Runoff within the University of Michigan-Dearborn Campus  
**Other Authors:** Dr. Jacob Napieralski, University of Michigan-Dearborn

Zeenat Kotval, Michigan State University  
**Title:** The Social Dynamics of Accessibility, Travel, and Physical Activity in the Detroit Region  
**Other Authors:** Igor Vojnovic (Michigan State University), Jieun Lee (Michigan State University), Perry Varnakovida (Michigan State University), Shannon Smith (Kimberly-Clark), Joseph Messina (Michigan State University), Bruce Pigozzi (Michigan State University), Joe Darden (Michigan State University)

Cynthia Paslawski, University of Michigan - Dearborn  
**Title:** Using Geographic Information Systems to Create a Management Plan for the Removal of Buckthorn  
**Other Authors:** Matthew Beer; University of Michigan – Dearborn, Jacob Napieralski; University of Michigan - Dearborn

Jonathan Archer and Kristy Stanley, Dept of Geography, Michigan State University  
**Title:** Characterization and Mapping of Patterned Ground in the Saginaw Lowlands, Michigan  
**Other Authors:** J.L.F. Holmstadt - MSU Geography D.P. Lusch - MSU Geography R.J. Schaetzl - MSU Geography R.L. van Dam - MSU Geology C.L. May - MSU Geology

Igor Vojnovic, Michigan State University, Geography  
**Title:** The Urban Built Environment, Travel Behavior, and Physical Activity: A Lansing, Michigan Context  
**Other Authors:** Angelo Podagrosi (Map Info), Shannon Smith (Kimberly-Clark), Zeenat Kotval (MSU), Perry Varnakovida (MSU), Jieun Lee (MSU), Joseph Messina (MSU), Bruce Pigozzi (MSU), Joe Darden (MSU)

Mandy Nyerges, DePaul University  
**Title:** Sustainable Coastal Tourism Management

Mark DeVisser, MSU, Center for Global Change & Earth Observations  
**Title:** Evaluating the Performance of Public Land Use and Land Cover Data Sets Used for Modeling Tsetse Fly Habitat in Kenya  
**Other Authors:** Dr. Joseph Messina

Remke L. Van Dam, Geology Michigan State University  
**Title:** Depositional History of a Large Freshwater Birdfoot Delta Using Geophysics and Cores; St. Clair Delta, Michigan  
**Other Authors:** Joep E.A. Storms, Delft University of Technology, Department of Civil Engineering and Geotechnology

Simon Seamount, MSU Department of Geography  
**Title:** Historical Resources Illustration: Visualizing Urban History with a Dynamic Atlas

English, Emily. Northern Michigan University  
**Title:** Upper Peninsula Forest Composition Change 1850s to 1990s

#### **Session B1 (10:30-11:50) Collaboration and Opportunity, Michiganamme Room (Garden Level):**

**(10:30-10:50)** Ashton Shortridge, Michigan State University  
**Title:** Recrafting the graduate GIS degree: evolving Michigan State's MS-GIScience program  
**Other Authors:** Jessica Moy Dept. of Geography, MSU

**(10:50-11:10)** David Gwynn, Rutgers University/Michigan State University  
**Title:** Turning Remotely Acquired Imagery into Socially Relevant Information: Collaboration Potentials

**(11:10-11:30)** Joseph Messina, Michigan State University  
**Title:** Geography and Big Science: Tips and Traps in the Proposal Generation Process

**(11:30-11:50)** Daniel Hammel\*, National Science Foundation  
**Title:** Funding Opportunities at the U.S. National Science Foundation (\* also session chair)

**Session B2 (10:30-11:50) Social Geography and Infrastructure  
Conference Room #62 (Garden Level):**

**(10:30-10:50)** Annalie Campos, Michigan State University  
**Title:** How Local Roads Spending Relates to Urban Sprawl

**(10:50-11:10)** Gus Martinka, Western Michigan University Geography  
**Title:** Assessing CSOs, and Their Impacts on Water Quality in Grand Rapids, Michigan

**Other Authors:** Dr. Chansheng He, Professor, Western Michigan University, Geography Dept.

**(11:30-11:50)** Sara Beth Keough, Saginaw Valley State University  
**Title:** Cultural Policy and Changing Radio Technologies: A Case Study of National Identity in Newfoundland, Canada

**(11:10-11:30)** Morris Thomas\* and Amber Schultz, MSU Geography  
**Title:** Why Michigan is Square: The Legacy of the Baseline and Michigan Meridian  
(\* also session chair)

**Session B3 (10:30) Historical Geography  
Conference Room #61 (Garden Level):**

**(10:30-10:50)** Evelyn Ravuri, Saginaw Valley State University  
**Title:** Reassessing the Guayana Project: Life-Time Migration to and from Bolivar State, Venezuela, 1950-2001

**(10:50-11:10)** David Nemeth, University of Toledo  
**Title:** Mount Halla from “Thou” to “It: the Contamination and Commodification of a Natural Sublime

**(11:10-11:30)** Sutapa Chattopadhyay, University of Minnesota-Duluth  
**Title:** Adivasi-Insurgencies and Power in Colonial India

**(11:30-11:50)** Karen Johnson-Webb\*, Bowling Green State University  
**Title:** Racist Landscapes in Ohio: The Case of Mercer County  
(\* also session chair)

**Session B4 (10:30-11:50) Physical Geography I  
Corniche Room (2<sup>nd</sup> Floor):**

**(10:30-10:50)** Alan Arbogast, MSU Geography  
**Title:** Repeat Photography of Lake Michigan Coastal Dunes: Dune Stabilization During Low Lake Phase

**(10:50-11:10)** Suzanne DeVries-Zimmerman, Geology Department, Hope College

**Title:** Pollen and sand from small lakes from the Lake Michigan coastal zone: proxies of dune movement?

**Other Authors:** Kimberly Jongsma, Hope College; Sarah Dean Hope College; Tim Fisher, University of Toledo; Ed Hansen, Hope College

**(11:10-11:30)** C. Elizabeth Whately, Western Michigan University  
**Title:** Habitat Suitability Modeling for *Tanacetum Huronense* Nutt in the Great Lakes Region

**(11:30-11:50)** Mandy Munro-Stasiuk\*, Kent State University  
**Title:** Classifying and mapping drumlins in the Chautauqua Drumlin Field, NW Pennsylvania: some preliminary results using an object-oriented approach

**Other Authors:** Kakoli Saha, Kent State University; BJ Arnold, Kent State University  
(\* also session chair)

**Lunch Break, Big Ten C**

Welcome and Greetings from Richard Groop, MSU Geography Chair, Doug Richardson AAG, and Dan Hammel, NSF

Lunch served; accompanied by ASTA String Quartet

Lunch Speaker: Julie Mehretu “*Drawing Into Painting: Excavations in Place, Space and Time*”

**East Lakes Division AAG, Business Meeting (1:20-2:15) Big Ten C**

Student Awards  
By-Laws issue  
Treasurer’s report  
other matters

**Session C1 (2:15-3:35) Urban and Social Geography  
Michiganme Room (Garden Level):**

**(2:15-2:35)** Li Yang, Western Michigan University

**Title:** Authenticity in Ethnic Tourism

**(2:35-2:55)** 2005 Grant Wilson, University of Toledo

**Title:** A Random Walk In Chicago, Illinois

**(2:55-3:15)** Jim LeBeau\*, Crime Studies Center, Southern Illinois University Carbondale

**Title:** Mapping Out and Modeling Jury Duty in Cook County, IL:

(\* also session chair)

**Session C2 (2:15-3:35) GIS & Remote Sensing  
Conference Room #62 (Garden Level):**

**(2:15-2:35)** Carolina Santos, Michigan State University

**Title:** Multi-Sensor Data Fusion for Modeling African Palm in the Ecuadorian, Amazon

**Other Authors:** Joseph P. Messina, Center for Global Change and Earth Observations & Geography Department Michigan State University

**(2:35-2:55)** Chuanrong Zhang, Kent State University

**Title:** A Framework of Real-Time Feature Level Spatial Data Sharing for Disaster Management

**Other Authors:** Weidong Li Department of Geography, Kent State University

**(2:55-3:15)** Daniel Johnson, Wright State University

**Title:** Employing Multiple Remotely Sensed Vegetation Indices in Mosquito Vector Surveillance

**(3:15-3:35)** Bradley Shellito,\* Youngstown State University

**Title:** 3D Campus Modeling with Google SketchUp and Google Earth

(\* also session chair)

**Session C3 (2:15-3:35) Special Panel Discussion of Diversity in  
Geography, in honor of Lawrence Sommers  
Conference Room #61 (Garden Level):**

Joe Darden, MSU Geography & AAG Diversity Task Force, and session organizer

Dough Richardson, AAG

David Kaplan, Kent State University

Karen Johnson-Webb, Bowling Green University

Morris Thomas, MSU Geography & formerly Lansing Community College.

**Session C4 (2:15-3:35) Physical Geography II  
Corniche Room (2<sup>nd</sup> Floor):**

**(2:15-2:35)** Haryono Prawiranata, MSU Geography

**Title:** Estimation the Impact of Land Surface Cover on Surface Hydrology in Michigan

**Other Authors:** Jeffrey Andresen MSU Geography, William Northcott MSU Ag Engineering, and Steven Miller, MSU Ag Engineering

**(2:35-2:55)** Steve Aichele, U.S. Geological Survey

**Title:** Effects of urban land-use change on streamflow and water quality in Oakland County, Michigan, 1970-2003, as inferred from urban gradient and temporal analysis

**(2:55-3:15)** Catherine Yansa\*, Michigan State University

**Title:** Paleoindian Environments of Eastern Wisconsin

**Other Authors:** David F. Overstreet, Archaeological Research Center, Marquette University

(\* also session chair)