

Preliminary  
**Program of the Middle States Division of the  
Association of American Geographers Annual Meeting**

November 7-8, 2008  
Bolger Conference Center, Gordinier Hall  
Millersville University of Pennsylvania  
Millersville, Pennsylvania

**Friday, November 7**

<b>11:00am-1:00pm</b>	Executive Board Meeting—Old Main
<b>1:00pm-2:40pm</b>	Session 1
<b>3:00pm-4:40pm</b>	Session 2
<b>4:40pm-4:55pm</b>	Beverage Station—Lehr Dining Room
<b>5:00pm-6:20pm</b>	Session 3
<b>6:20pm-8:00pm</b>	Dinner—Lehr Dining Room
<b>8:00pm-11:00pm</b>	Geography Bowl—Lehr Dining Room & Old Main

**Saturday, November 8**

<b>9:45am-10:15am</b>	Beverage Station—Lehr Dining Room
<b>10:20am-12:00pm</b>	Session 4
<b>12:15pm- 2:20pm</b>	Awards Luncheon

**Book Exhibition Friday and Saturday, 1<sup>st</sup> Floor near Registration Booth**

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**Friday, November 7**

**11:00am-1:00pm**

**EXECUTIVE BOARD MEETING**

ROOM: OLD MAIN

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**1:00pm-2:40pm                      Session 1**

**SESSION 1A: WATER AND ENVIRONMENTAL HEALTH IN SOUTHEAST ASIA**

CHAIR:

ROOM: AUDUBON

- Cattell, L.**, Eastern Mennonite University, **L. Huoy**, Resource Development International – Cambodia; **M. Sampson**, Resource Development International – Cambodia, and **K. Irvine**, SUNY-Buffalo State. *Comparing Source and Point-of-Use: How Handling, Storage and Treatment Affect Water Quality in Cambodian Homes.*
- See, M.**, Bridgewater College, **Narong Surinkul** and **Thammarat Kootatep**, Asian Institute of Technology, Thailand, and **Kim Irvine**, SUNY- Buffalo State. *Quantitative Microbial Risk Assessment of E. coli and Salmonella in Irrigation Canals of Peri-urban, Pathumthani, Thailand.*
- Glick, A.**, Eastern Mennonite University, **E. Chea**, Royal University of Phnom Penh, and **D. Graber-Neufeld**, Eastern Mennonite University. *Application and Longevity of Organophosphate and Carbamates on Water Spinich in Wetlands of Phnom Penh.*
- Hernandez, Cesar**, SUNY- Buffalo State, **Douglas G. Neufeld**, Eastern Mennonite University, **Kunthy Sok** and **M. Sampson**, Research Development International – Cambodia. *Levels Of Pesticide Residue In Cabbages In Phnom Penh Markets*
- Ngoen-klan, Ratchadawan, Kom Sukontason, Kabkeaw L. Sukontason, Somsak Piangjai, Duanghathai Sripakdee, Puckavadee Somwang, and Kittikhun Moophayak**, Chiang Mai University, Thailand and **Mickey Sampson**, Resource Development International – Cambodia and **Kim N. Irvine**, SUNY-Buffalo State. *The Epidemiology of Liver Fluke Infection in Southeast Asia.*

**SESSION 1B: RESOURCES AND THE ENVIRONMENT**

CHAIR:

ROOM: OLD MAIN

- Cuthbert, Angela L. and Ronald J. Baker II**, Millersville University. *An Econometric Analysis of Fuelwood Use in Africa.*
- Sternberg, Rolf**, Montclair State University. *The Role of Hydroelectricity in Nation Building – The Brazilian Record*
- Alexander, Eunice and Joy Fritschle**, West Chester University. *Carbon Storage of West Chester Borough Parks.*
- Conlow, Lindsey**, Rowan University. *Evaluating Emergency Evacuation of the Oyster Creek Nuclear Power Plant*
- Ridgeway, Jason**, United States Military Academy. *Let Them Have Dominion Over All the Earth: Are Christians Anti-Environmental?*

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**3:00pm-4:40pm                      Session 2**

**SESSION 2A: CLIMATOLOGY AND METEOROLOGY**

CHAIR:

ROOM: AUDUBON

- Henderson, Keith G.**, Villanova University. *The Autumn Transition Season for Humidity in the Northeast U.S.*
- Ramsay, Bruce H.**, CICS/ESSIC/NOAA and University of Maryland. *The Influence of North American Snow Cover Extent on the North Atlantic Oscillation.*
- Cuviello, Matthew P.**, United States Military Academy. *Predicting Winter Precipitation Type in the Piedmont Region of North Carolina.*
- Hawkins, Timothy W. and Danielle Doyle**, Shippensburg University. *Assessing a Small Summer Urban Heat Island in Rural South Central Pennsylvania*
- Cutolo, M.**, SUNY- Buffalo State, **S. Kok**, Royal University of Phnom Penh, Cambodia, and **S. Vermette**, SUNY- Buffalo State. *Establishing a Meteorologic Network in Phnom Penh, Cambodia: Challenges and Preliminary Results.*

**SESSION 2B: TOPICS IN HUMAN GEOGRAPHY**

CHAIR: WILLIAN KORY, UNIVERSITY OF PITTSBURGH AT JOHNSTOWN

ROOM: OLD MAIN

**Cincotta, Richard**, National Intelligence Council and **Laurel J. Hummel**, United States Military Academy.

*Youthful Age Structures, Economic Development, and Stability: Studies in Contrast.*

**Klos, Justin**, Penn State University. *Determining Correlations between Voting Behavior and Selected Demographic Characteristics in a Changing Electorate.*

**Crossney, Kristen**, West Chester University. *The Who, What and Where of High Cost Mortgage Lending In Philadelphia.*

**Owusu, Thomas**, William Paterson University. *Economic Performance of Immigrants and Non-Immigrants in the Urban Labor Market in the U.S.: The Case of the City of Paterson, New Jersey.*

**Wolfel, Richard L.**, United States Military Academy. *Walking the Fine Line: Islam, Landscapes and Nationalism in post-Andijon Uzbekistan.*

**SESSION 2C: HISTORIC LANDSCAPES**

CHAIR:

ROOM: MATISSE

**Pipkin, John S.**, University at Albany, *Making a Moral Place.*

**Marr, Paul and Michael Ross**, Shippensburg University. *The Distribution of Wealth on the Pennsylvania Frontier: 1765-1775.*

**Tanner, Sean**, CUNY-Hunter College. *Ambiguous Territory: Landscapes of Landownership in Post-Civil War Guatemala.*

**Malinowski, Jon**, United States Military Academy. *The Shin Hollow War: Factional Tension in 19<sup>th</sup> Century Orange County.*

**Fyfe, David A.**, York College of Pennsylvania. *Social and Economic Networks in Central New York around the Turn of the Twentieth Century as Seen through the Lens of Small-Town Newspapers.*

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**4:40pm-4:55pm**

**BEVERAGE STATION**

ROOM: LEHR DINING ROOM

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**5:00pm-6:20pm**                      **Session 3**

**SESSION 3A: TOPICS IN GEOMORPHOLOGY**

CHAIR: FRANCIS GALGANO, VILLANOVA UNIVERSITY

ROOM: AUDUBON

**Pope, Gregory A.**, Montclair State University, and **Patricia L. Beyer**, Bloomsburg University of Pennsylvania. *The Rock Art Susceptibility Index Applied to Stone Conservation.*

**Coutu, Gary**, West Chester University, and **Geri Pepe**, West Chester University and ESRI. *Beach Morphology Change Study using ArcGIS Spatial Analyst.*

**Galgano, Francis A.**, Villanova University. *Shoreline Behavior Along the Atlantic Coast of Delaware*

**SESSION 3B: TOPICS IN WATER QUALITY**

CHAIR:

ROOM: MATISSE

**Brew, Wayne**, Montgomery County Community College. *The Mystery of Rocky Spring; The Transport of Polychlorinated Biphenyls (PCBs) in a Karst Setting, Letterkenny Army Depot, Chambersburg, Pennsylvania.*

**Jesikiewicz, Janelle**, Villanova University. *Acid Mine Drainage and Water Pollution, Butler Mine Tunnel, Pennsylvania.*

**Gould, Joseph J., Kim N. Irvine, Kerry Kleinfelder, and Jessica Bakert**, SUNY- Buffalo State. *The Collection of Water Quality Data and the Development of a Sediment Transport Model Using BASINS SWAT for the Cayuga Creek Watershed in Niagara County.*

**SESSION 3C: GEOGRAPHIC EDUCATION**

CHAIR:

ROOM: OLD MAIN

**Thompson, Wiley C.** United States Military Academy. *More than a field trip: Local Interpretative Opportunities Foster Learning and Encourage Community Stewardship.*

**Kiphart, Kayla J. and Timothy W. Hawkins**, Shippensburg University. *Teaching Upper Atmospheric Meteorology in Two and Three Dimensions.*

**Sharp, John**, SUNY-New Paltz. *Reading Iran: A Geopolitical Examination of Geography Texts.*

**Manuel, James J.**, Shippensburg University. *An Investigation of the Recently Drained Chambersburg Reservoir in South-Central Pennsylvania.*

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**6:20pm-8:00pm**

**DINNER**

ROOM: LEHR DINING ROOM

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**8:00pm-11:00pm**

**GEOGRAPHY BOWL**

ROOMS: LEHR DINING ROOMS AND OLD MAIN (INITIAL MEETING IN LEHR)

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**Saturday, November 17**

**9:45am-10:15am**

**BEVERAGE STATION**

ROOM: LEHR DINING ROOM

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**10:20am-12:00pm Session 4**

**SESSION 4A: GEOSPATIAL TECHNIQUES AND APPLICATIONS**

CHAIR: LAWRENCE MCGLINN, SUNY – NEW PALTZ

ROOM: OLD MAIN

**Siska, Peter P.**, United States Military Academy. *Modern Methods of Spatial Analysis for Geography: Kriging and Sequential Gaussian Simulation.*

**Di Gianni, Joseph J.**, Montclair State University. *Spatial Regression Analyses of Travel Mode Behavior and Housing Tenure for an Inner Metropolitan Suburb.*

**Convery, Matthew and Dorothy Ives-Dewey**, West Chester University. *Champions of GIS; Municipal Implementation and Internal Organizational Diffusion of GIS Within Pennsylvania Local Governments.*

**Jantz, Claire**, Shippensburg University. *Urban Land Cover Change Modeling as a Tool for Planning: A Case Study in the Upper Delaware River Watershed.*

**Jakin, David and Lawrence McGlenn**, SUNY- New Paltz. *Associations among GIS Datasets and Habitats.*

**SESSION 4B: SUSTAINABILITY**

CHAIR:

ROOM: MATISSE

**Sullivan, Alexandra**, CUNY- Hunter College. *Urban Agriculture: A Potential Agent of Human-Environmental Sustainability*

**Mano, Jo Margaret**, SUNY-New Paltz. *England's Proposed Eco-towns.*

**Bagnasco, Angela**, Villanova University. *Geographic and Environmental Considerations for Establishing Sustainable Land Use.*

**Schifferle, L.**, University at Buffalo, **A. Panuvatvanich and T. Koottatep**, Asian Institute of Technology, Thailand, and **S. Vermette**, SUNY- Buffalo State. *Nitrogen Mineralization in Fecal Sludge as it Applies to the Sustainable Landscape.*

**SESSION 4C: POSTERS**

ROOM: AUDUBON

**Heist, Brett and Nick Szelak**, Millersville University. *Evaluating Lancaster City's CCTV Network Using GIS.*

**Vermette, Stephen and Sheila Christopher**, Buffalo State College. *Using the Rate of Accumulated Freezing and Thawing Degree Days as a Surrogate for Determining Freezing Depth in a Temperate Forest Soil.*

**Krueger, Amy M.**, Great Lakes Center/ SUNY- Buffalo State and **Kelly M. Frothingham**, SUNY-Buffalo State. *A Review of Steps Taken to Identify and Evaluate Potential Streambank Restoration Sites in a Western New York Stream*

**Geiger, Charles**, Millersville University. *Statistical Software for Geography Undergraduates: GeoStats.*

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**12:15pm- 2:20pm**

**AWARDS LUNCHEON**

ROOM: LEHR DINING ROOM