

Lisa M. DeChano-Cook
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Western Michigan University
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EDUCATION

Ph.D. (2000) Environmental Geography, Southwest Texas State University, San Marcos, Texas
M.A. (1997) Geography, Ohio University, Athens, Ohio
M.S. (1994) Space Studies, University of North Dakota, Grand Forks, North Dakota
B.S. (1993) General Physics, Juniata College, Huntingdon, Pennsylvania

EMPLOYMENT

8/2006 – present Associate Professor, Geography, Western Michigan University
2001-2006 Assistant Professor, Geography, Western Michigan University
2000-2001 Assistant Professor, Geography, California State Polytechnic University,
Pomona
1998-2000 Teaching Assistant, Geography, Southwest Texas State University
1997-1998 Research Assistant, Geography, Southwest Texas State University
1996-1997 Public Service Associate, Institute for Local Government Administration
and Rural Development (ILGARD), Ohio University

I. PROFESSIONAL RECOGNITION

AWARDS

2000 Young Scholar Participant, Social Science Education Consortium Annual Meeting, Woods Hole, Massachusetts.
2001 Best Student Paper of 2000. *The Geographical Bulletin*.

PROFESSIONAL MEMBERSHIP

- Association of American Geographers (Lifetime Member)
 - Environmental Perception and Behavioral Geography Specialty Group
 - Hazards Specialty Group
 - Recreation, Tourism & Sport Specialty Group
- Gamma Theta Upsilon (Lifetime Member)
- National Council for Geographic Education
- Omega Omega (Lifetime Member)

PUBLICATIONS

- 2016 Fojtik, Emma, and **DeChano-Cook, Lisa M.** Downy Woodpecker Habitat Suitability Study in Gourdneck State Game Area, Michigan. *The Geographical Bulletin*, 57, 1, 15-24.
- 2013 Kanclerz, Lucas and **DeChano-Cook, Lisa M.** Understanding Wildfire Vulnerability of Residents in Teton County, Wyoming. *Disaster Prevention and Management*, 22, 2, 104-118.
- 2012 **DeChano-Cook, Lisa M.** Social Studies and Grade Level Content Expectations in Michigan. *Journal of Social Studies Research*, 36, 2, 168-189.
- 2011 Ruhf, Robert J. and **DeChano-Cook, Lisa M.** Using a Classroom Observation System to Analyze Content and Inquiry in Physical Geography. *Research in Geographic Education*, 13, 1, 5-19.
- 2006 **DeChano, Lisa M.** (2006) A Multi-Country Examination of the Relationship Between Environmental Knowledge and Attitudes. *International Research in Geographical and Environmental Education*, 15, 1, 15-28.
- 2005 **DeChano, Lisa M.**, Bockenbauer, Mark, Caito, Jennifer, Klein, Phil, Newton, Allison, and Linnea Hruska. Professional development and student achievement in Geography: A research agenda. *Research in Geographic Education*, 7, 74-86 (published in 2006)
- 2005 Milson, Andrew J., **DeChano, Lisa M.**, Bunch, Rick L., Caito, Jennifer, Xianomin Qiu. GIS in K-12 education: Pedagogical tool or weapon of mass distraction? *Research in Geographic Education* 7, 62-73. (published in 2006)
- 2004 **DeChano, Lisa M.** and Fred M. Shelley. Using sports to teach geography: Examples from Kansas City. *Journal of Geography* 103: 185-191.
- 2003 **DeChano, Lisa M.** and Joseph P. Stoltman. Making the transition in geography teaching: Electronic and print materials. *Social Studies Review* 42(2): 90-94.
- 2002 **DeChano, Lisa M.** and David R. Butler. An analysis of attacks by grizzly bears (*Ursus arctos horribilis*) in Glacier National Park, Montana, USA. *Geographical Bulletin* 44(1): 30-41.
- 2002 Butler, David R. and **DeChano, Lisa M.** 2001. Environmental change in Glacier National Park, Montana: An assessment through repeat photography from fire lookouts. *Physical Geography* 22(4): 291-304.

- 2002 **DeChano, Lisa M.** 2000. The changing geography of NHL player origins. *Sport Place* 10(2): 21-24.
- 2001 **DeChano, Lisa M.** and David R. Butler. 2001. Analysis of public perception of debris flow hazard. *Disaster Prevention and Management* 10(4): 261-269.
- 2000 **DeChano, Lisa M.** 2000. A comparison of clustering techniques using biogeographical data. *The Geographical Bulletin* 42(1): 45-54.
- 1999 Dixon, Richard W., Butler, David R., **DeChano, Lisa M.**, and Julie A. Henry. 1999. Avalanche hazard in Glacier National Park: An El Niño connection? *Physical Geography* 20(6): 461-467.
- 1998 Butler, David R., and **DeChano, Lisa M.** 1998. Hazardous wind events in Glacier National Park, Montana. *Southwestern Geographer* 2: 57-71.

Books

- 2006 **DeChano, L. M.**, and Shelley, F. M. (eds.) (2006) *The Geography-Sports Connection: Using Sports to Teach Geography*. Pathways in Geography Series Title No. 33, National Council for Geographic Education.
- 2004 Stoltman, Joseph P., John Lidstone, and **DeChano, Lisa M.** (eds.), *International Perspectives on Natural Disasters: Occurrence, Mitigation, and Consequences*. Sponsored by the Scientific Committee, International Decade for Natural Disasters Reduction, International Science Council, Paris, France. Funding amount \$50,000 by UNESCO Subvention.

Refereed Book Chapters

- 2016 DeChano-Cook, Lisa and Shelley, Fred M. Climate Change and the Future of International Events: A Case Study of the Olympic and Paralympic Games. In McCullough, B. and Kellison, T. (eds), *Sports, Sustainability, and the Environment*. Routledge: (Forthcoming).
- 2012 **DeChano-Cook, Lisa.** (2012). The World Wide Web and Geography. In Stoltman, J., ed. *21st Century Geography: A Reference Handbook*, pp. 811-817. Los Angeles: Sage.
- 2006 **DeChano, L. M.** and Hruska, L. E. (2006). The Sports-Physical Environment Relationship. In **DeChano, L. M.**, and Shelley, F. M., eds., *The Geography-Sports Connection: Using Sports to Teach Geography*. Pathways in Geography Series Title No. 33, pp. 5-16. National Council for Geographic Education.

- 2006 **DeChano, L. M.** and Shelley, F.M. (2006). The Role Sports Can Play When Teaching Geography. In **DeChano, L. M.**, and Shelley, F. M., eds., *The Geography-Sports Connection: Using Sports to Teach Geography*. Pathways in Geography Series Title No. 33, pp. 1-4. National Council for Geographic Education.
- 2006 **DeChano, L. M.** and Shelley, F.M. (2006). Lesson Plans. *The Geography-Sports Connection: Using Sports to Teach Geography*. In **DeChano, L. M.**, and Shelley, F. M., eds., Pathways in Geography Series Title No. 33, pp. 127-129. National Council for Geographic Education.
- 2006 Shelley, Fred M., Proffer, Adrienne M., and **M. DeChano, Lisa**. (2006). Wal-Mart and Partisan Politics: From Agricultural Volatility to Red-State Culture. In Brunn, Stanley D., ed., *Wal-Mart World*, pp. 203-212. New York: Routledge.
- 2005 Butler, David R. and **DeChano, Lisa M.** Sociological and psychological issues of landslide risk perception: A case study of landslide hazards assessment in Glacier National Park, Montana, USA. In Glade, T., M. Anderson, and M. Crozier (eds.), *Landslide Hazard and Risk*, pp. 201-218. West Sussex: John Wiley & Sons, Ltd.
- 2004 **DeChano, Lisa M.** Mass movement. In Stoltman, J.P., J. Lidstone, L.M. DeChano (eds.), *International Perspectives on Natural Disasters: Occurrence, Mitigation, and Consequences*, pp. 131-146. Dordrecht: Kluwer Academic Publishers.
- 2004 Stoltman, Joseph P. Lidstone, John, and **DeChano, Lisa M.** Introduction. In Stoltman, J.P., J. Lidstone, L.M. DeChano (eds.), *International Perspectives on Natural Disasters: Occurrence, Mitigation, and Consequences*, pp. 457-462. Dordrecht: Kluwer Academic Publishers.
- 2004 Stoltman, Joseph P. Lidstone, John, and **DeChano, Lisa M.** Capacity building, education, and technical training. In Stoltman, J.P., J. Lidstone, L.M. DeChano (eds.), *International Perspectives on Natural Disasters: Occurrence, Mitigation, and Consequences*, pp. 457-462. Dordrecht: Kluwer Academic Publishers.
- 2002 Stoltman, Joseph P., and **DeChano, Lisa**. Political geography, geographical education, and citizenship. In Gerber, R., and M. Williams (eds.), *Geography, Culture and Education*, Dordrecht: Kluwer Academic Publishers.

- 2002 Stoltman, Joseph P, and **DeChano, Lisa M.** Continuity and change in geography education: Learning and teaching. In Gerber, Rod (ed.), *International Handbook on Geographic Education*, Dordrecht: Kluwer.

Encyclopedia Entries

- 2011 **DeChano-Cook, Lisa M.** Michigan proposition 1: A legislative initiative to permit the use and cultivation of marijuana for specified medical condition. *Atlas of the 2008 Elections*, Roman and Littlefield.
- 2011 **DeChano-Cook, Lisa M.** and Mark A. Moody. Michigan proposition 2: A proposal to amend the state constitution to address human embryo and human embryonic stem cell research in Michigan. *Atlas of the 2008 Elections*, Roman and Littlefield.
- 2004 **DeChano, Lisa M.** Ice Hockey. *Encyclopedia of the Great Plains*, David Wishart (ed.), Lincoln: University of Nebraska Press.
- 2004 **DeChano, Lisa M.** Wayne Gretzky. *Encyclopedia of the Great Plains*, David Wishart (ed.), Lincoln: University of Nebraska Press.

Book Reviews

- 2004 The Redrock Chronicles: Saving Wild Utah, by T.H. Watkins. *Southeastern Geographer*
- 2003 The Historic Seacoasts of Texas, by J.U. Salvant and David G. McComb. *Southwestern Historical Quarterly* 107(2): 494-495.
- 2000 Creating Colorado: The Making of a Western American Landscape 1860-1940, by William Wyckoff. *Social Science Quarterly* 81(3): 904-905.
- 1999 World Atlas of Desertification. 2nd Edition, eds. N. Middleton, and D. Thomas. *Geomorphology* 28(1-2): 173-174. (
- 1998 Review of Common Ground: The Struggle for Ownership of the Black Hills National Forest, by Martha Geores. *Social Science Quarterly* 79(3): 688-689.

Maps

- 2001 Nostrand, Richard L., and Lawrence E. Estaville (eds.). 2001. *Homelands: A Geography of Culture and Place across America*, Baltimore: Johns Hopkins University Press.
- 1999 Braden, Kathleen, and Fred M. Shelley. 1999. *Engaging Politics*. London: Longman.
- 1998 Colten, C.E. 1998. Groundwater and the law: Records and recollections. *The Public Historian*, 20, no. 2:25-44.

Press Interviews

- 2013 *Supertyphoon Haiyan*, WMUK Radio. Kalamazoo, Michigan.
- 2013 *Supertyphoon Haiyan*, WKZO Radio. Kalamazoo, Michigan.
- 2013 *Cleaning Up After Super-Typhoon Haiyan*, WMU Radio News, Kalamazoo, Michigan.
- 2006 *The Environment*, WKZO Radio. Kalamazoo, Michigan.
- 2006 *The Inconvenient Truth*, WKZO Radio. Kalamazoo, Michigan.
- 2005 *Recent Rash of Natural Disasters*, WMU News, Western Michigan University, Kalamazoo, Michigan.
- 2005 *Local Tsunami Relief Worker Returns from Damaged Area in Indonesia*, WOOD-TV, Grand Rapids, Michigan.
- 2005 *2004 Earthquake and Tsunami Disaster Relief Efforts*, WIDR Radio, Western Michigan University, Kalamazoo, Michigan.
- 2005 *Indian Ocean Tsunami and Disaster Relief Efforts*, WMU News, Western Michigan University, Kalamazoo, Michigan.
- 2005 *Tsunami Relief Effort Faces Many Hurdles*, WMU News, Western Michigan University, Kalamazoo, Michigan.

PROFESSIONAL PRESENTATIONS

Invited Lectures

- 2015 *Motivations and Learning in Physical Geography*, Colloquium Series, Department of Geography, University of Toledo, Toledo, Ohio.
- 2007 *Disaster, Newspapers, and Perceptions: A Content Analysis and What Can Be Learned*, Colloquium Series, Department of Geography, University of Toledo, Toledo, Ohio.
- 2006 *In Memory of Gilbert F. White: Influential People in Geography History*, Colloquium Series, Department of Geography, Western Michigan University, Kalamazoo, Michigan.
- 2005 *When Nature and Earth Collide*. Michigan Geographic Alliance Basic Institute. Mt. Pleasant, Michigan.
- 2002 ARGWorld, Michigan Geographic Alliance Annual Retreat, Lansing, Michigan. (With J. Stoltman)
- 2001 *Geohazard Perceptions in Glacier National Park, Montana, USA*. Colloquium Series, Department of Geography, University of Southern California, Los Angeles, California.
- 2000 *When Nature Growls: Grizzly Bear Attacks in Glacier National Park, Montana*. SWT-UT Student Exchange Program, Department of Geography, University of Texas –Austin, Austin, Texas.
- 1999 *Geographic Information Systems (GIS) for Commercial Real Estate Applications*. Austin Commercial Real Estate Society, Austin, Texas. (with J. Spence and J. Henry)
- 1998 *The Geography of NHL Players*. SWT-UT Student Exchange Program, Department of Geography, University of Texas – Austin, Austin, Texas.
- 1997 *Catastrophic Windthrow: A Case Study of an Allegheny River Wilderness Island*. Colloquium Series, Department of Geography, Southwest Texas State University, San Marcos, Texas.
- 1996 *The Influence of Land Ownership on the Spatial Evolution of Ohio State Parks*. Colloquium Series, Department of Geography, Ohio University, Athens, Ohio.

1996 *Jackson County Comprehensive Plan*. Institute for Local Government Administration and Rural Development, Student Orientation, Athens, Ohio. (with J. Pinkerton, and C. Taylor.

Conference Presentations

- 2015 Engaging, Recruiting, and Keeping Active Exceptional Undergraduates in the Geography Honors Society. *East Lakes Division of the Association of American Geographers Annual Meeting*. Kent, Ohio (with L. Hallett IV)
- 2015 Physical Geography, Biology and Chemistry: Do Motivations for Learning These Sciences Differ? *Association of American Geographers Annual Conference*. Chicago, Illinois (with A. Moore)
- 2014 Physical Geography Students' Motivations for Learning Science. *East Lakes/West Lakes Division of the Association of American Geographers Annual Conference*. Kalamazoo, Michigan (with K. Sparks)
- 2014 Assessing student understanding of the application of the physical geography on future careers and life choices. *East Lakes/West Lakes Division of the Association of American Geographers Annual Conference*. Kalamazoo, Michigan (with S. Cox, J., Deranek, and A. Beach)
- 2014 Assessing student understanding of the application of the physical geography on future careers and life choices. *National Council for Geographic Education Annual Meeting*. Memphis, Tennessee (with A. Beach, S. Cox, and J. Deranek)
- 2014 Physical Geography Students' Motivations for Learning Science. *National Council for Geographic Education Annual Meeting*. Memphis, Tennessee (with K. Sparks)
- 2011 An Analysis of Two Physical Geography Lessons: Do They Model Inquiry-Based Teaching and Learning? *East Lakes Division of the Association of American Geographers Annual Meeting*. Youngstown, Ohio.
- 2010 Social Studies Grade Level Content Expectations: The Teachers' Views. *Association of American Geographers Annual Meeting*, Washington, D.C.
- 2010 Social Studies Grade Level Content Expectations. *East Lakes Division of the Association of American Geographers Annual Meeting*. Dayton, Ohio.

- 2007 Natural Hazards, Newspapers, and Perceptions: A Content Analysis and What Can Be Learned. *Association of American Geographers Annual Meeting*. San Francisco, California.
- 2006 Atmospheric Hazards in Great Lakes States: How Similar Are They? *East Lakes Division of the Association of American Geographers*. Toledo, Ohio.
- 2006 Environmentally Responsible Sports: What Can Students Learn from the Environmental Sports Link? *National Council for Geographic Education*. Lake Tahoe, Nevada.
- 2005 Flexible Teaching Modules for Physical Geography. *East Lakes Division of the Association of American Geographers*. Bowling Green, Ohio.
- 2005 Geography Undergraduate program Management: Degrees, Courses, Enrollments. *National Council for Geographic Education Annual Meeting*. Birmingham, Alabama. (with L. Estaville, B. Brown, S. Caldwell, and W. Strong)
- 2005 Grade Level Content Standards in Geography. *National Council for Geographic Education Annual Meeting*. Birmingham, Alabama. (with J. Stoltman and M. Libbee)
- 2005 Flexible Teaching Modules for Physical Geography. *Association of American Geographers Annual Meeting*. Denver, Colorado.
- 2005 American Preferences on Sports and the 2004 Summer Olympics. Colloquium Series, Department of Geography, Western Michigan University, Kalamazoo, Michigan.
- 2004 Americans, Sports and the 2004 Summer Olympic Games. *Southeast Division of the Association of American Geographers Annual Meeting*. Biloxi, Mississippi. (with F. Shelley)
- 2004 Young Adults' Environmental Knowledge and Environmental Attitudes. *East Lakes Division of the Association of American Geographers*. Athens, Ohio.
- 2004 Young Adults' Environmental Knowledge And Attitudes: An International Comparison. *International Geographical Union, Pre-Conference Symposium for Geographic Education*. Glasgow, Scotland. (with A. Parish)

- 2004 Ways of Analyzing Where People Perceive Natural Hazards to Occur. *Abstracts of the 100th Association of American Geographers Annual Meeting*. Philadelphia, Pennsylvania
- 2003 Environmental Student Attitudes: Are Students Pro- Environmental? *Abstracts of the 99th Association of American Geographers Annual Meeting*. New Orleans, Louisiana.
- 2002 Events Watched and Countries Supported During the Winter Olympics. *West Lakes Division of the Association of American Geographers Annual Meeting*. Minneapolis, Minnesota.
- 2001 Example of GIS in Hazard Perception Research. *Association of American Geographers Annual Meeting*. Los Angeles, California.
- 2001 What's in the News? The Utility of Newspapers in Natural Hazards Research. *East Lakes Division of the Association of American Geographers Annual Meeting*. Cincinnati, Ohio.
- 2001 Geohazard Perceptions in Glacier National Park, Montana, USA. *Association of American Geographers Annual Meeting*. New York, New York.
- 2002 Grizzly Bear-Human Confrontation: When two worlds collide. *63rd Association of Pacific Coast Geographers Annual Meeting*. Arcata, California.
- 2000 A Comparison of geohazard perceptions before and after a debris flow episode in Glacier National Park, Montana. *Association of American Geographers Annual Meeting*. Pittsburgh, Pennsylvania.
- 2000 Geographic aspects of athletes and entertainers in contemporary American politics. *13th Annual Political Geography Specialty Group Pre-Conference*. Morgantown, West Virginia. (With F. Shelley)
- 1999 An analysis of attacks by grizzly bears (*Ursus arctos horribilis*) in Glacier National Park, Montana, USA. *Southeast Division of the Association of American Geographers Annual Meeting*. Tampa, Florida.
- 1999 Falls, flows, and blows: Environmental education through geohazard perception. *84th National Council for Geographic Education Annual Meeting*. Boston, Massachusetts.
- 1999 An analysis of biogeographical data: Do different clustering techniques yield similar results? *Southwest Division of the Association of American Geographers Annual Meeting*. San Marcos, Texas.

- 1999 Historical reconstruction of geomorphic hazards in Glacier National Park, Montana: A comparison of data sources. *95th Association of American Geographers Annual Meeting*. Honolulu, Hawaii.
- 1999 Avalanche hazard in Glacier National Park: An El Nino connection? *Association of American Geographers Annual Meeting*. Honolulu, Hawaii. (With R. Dixon, D. Butler, and J. Henry)
- 1998 Mapping and natural hazard perception: An experiment in Glacier National Park, Montana. *Southwest Division of the Association of American Geographers Annual Meeting*. Baton Rouge, Louisiana.
- 1998 Geographical analysis of NHL player origins: 1960-1996. *Association of American Geographers Annual Meeting*. Boston, Massachusetts.
- 1997 Geographical Analysis of NHL Player Origins. *Southwest Division of the Association of American Geographers Annual Meeting*. Albuquerque, New Mexico.
- 1997 Catastrophic windthrow: A case study of an Allegheny River wilderness island. *Association of American Geographers Annual Meeting*. Ft. Worth, Texas.
- 1997 *The Locational Development of Ohio State Parks: Two Case Studies*. Eastern Historical Geography Association, Pittsburgh, Pennsylvania. September 1997.
- 1996 State Parks: How did they evolve? *East Lakes/West Lakes Association of American Geographers Book of Abstracts*. Valparaiso, Indiana.
- 1996 Landownership patterns as antecedents to Lake Hope State Park. *Ohio Academy of Sciences*, 96, no. 2:A-28.
- 1996 *Exclusionary Criteria Mapping for Landfill Siting, Grand Forks, ND*. Great Plains/Rocky Mountains Division of the Association of American Geographers, Rapid City, South Dakota. (with J. Hammen).

FUNDED GRANTS

- 2013 **DeChano-Cook, Lisa M.** *Student Motivation Levels in Science*. Lucia Harrison Endowment Fund, Department of Geography, Western Michigan University. \$1026

- 2011 Stoltman, Joseph P. and **DeChano-Cook, Lisa M.** *Michigan Environmental Education and Curriculum Support Land Use Unit*. Central Michigan University. \$3000.
- 2008 **DeChano-Cook, Lisa M.** *Impacts of Statewide Social Studies Assessment in Classrooms, Schools and School Districts in Michigan*. Lucia Harrison Endowment Fund, Department of Geography, Western Michigan University. \$2593.
- 2006 **DeChano, Lisa M.** *Classroom Management II*. Lucia Harrison Endowment Fund, Department of Geography, Western Michigan University. \$906.50.
- 2005 Faculty Development Fund, Center for Teaching and Learning, Western Michigan University, Kalamazoo, Michigan.
- 2004 International Geographical Union Travel Grant, Association of American Geographers (funded through NSF).
- 2004 Stoltman, Joseph P. and **DeChano, Lisa M.** *Preparing to Meet Grade Level Content Expectations in Geography*. National Geographic Society, Grosvenor Grant Program. \$89,252.
- 2003 Stoltman, Joseph P. and **DeChano, Lisa M.** *Individual's Impact on the Land*. Clean Michigan Initiative, Michigan DEQ and the Department of Education. \$49,991.
- 2002 **DeChano, Lisa M.** and Rolland Fraser. *What in the World is Geography? Exactly! Lifestyle and Topical Physical Geography Activities for Unified GEOG 105 Curriculum*, Teaching and Learning with Technology Grant, Western Michigan University. \$10,000.
- AY 2000
2001 **DeChano, Lisa M.** President's Travel Award, California State Polytechnic University, Pomona, California
- AY 2000
2001 **DeChano, Lisa M.** Dean's Travel Award, College of Letters, Arts, and Social Sciences, California State Polytechnic University, Pomona, California
- AY 2000 -
2001 **DeChano, Lisa M.** Mini-Grant, Faculty Center for Professional Development, California State Polytechnic University, Pomona, California
- AY 2000-
2001 **DeChano, Lisa M.** Student Assistant Funding Award, College of Letters, Arts, and Social Sciences, California State Polytechnic University, Pomona, California

- 1994 **DeChano, Lisa M.** *Short Period Comets and Their Origin*. NASA Space Grant, Space Studies Department, University of North Dakota, Grand Forks, North Dakota. (Completed)
- 1994 **DeChano, Lisa M.** *Asteriodal Investigation and Classification*. NASA Space Grant, Space Studies Department, University of North Dakota, Grand Forks, North Dakota. (Completed)

UNFUNDED GRANTS

- 2016 **DeChano-Cook, Lisa M.** *Students' Motivations for Learning Physical Geography*. Support for Faculty Scholars Award. Western Michigan University. \$2000.
- 2015 Schwartz, Rob, **DeChano-Cook, Lisa**, and Neal, Dave. *Local Citizen-Driven Resiliency for Extreme Weather Events Leading to Floods*. National Oceanic & Atmospheric Administration (NOAA). \$500,000.
- 2015 **DeChano-Cook, Lisa M.** *Increasing Student Motivation through Journaling*. Instructional Development Grant, Office of Faculty Development, Western Michigan University. \$3333.60.
- 2013 **DeChano-Cook, Lisa M.** *Student Motivations for Learning Science*. Support for Faculty Scholars Award. Western Michigan University. \$2000.
- 2006 **DeChano, Lisa M.** *Introducing 10th and 11th Grade KPS Students to College and Geography*, President's Innovation Fund, Western Michigan University.
- 2005 Stoltman, Joseph P., **DeChano, Lisa M.**, Kathleen Baker. *Land Use: Human Environment Inquiry for Elementary Students*. National Geographic Society Model Programs.
- 2002 Stoltman, Joseph P. and **Lisa M. DeChano** *Teacher Enhancement in Geography Content: Bridging Standards with Classroom Instruction*. National Science Foundation.
- 2001 Stoltman, Joseph P. and **Lisa M. DeChano**. *Building Bridges between Standards and Instruction through Teacher Enhancement in Geography Content*. National Science Foundation.

II. PROFESSIONAL COMPETENCE

AWARDS

2010 Higher Education Distinguished Teacher Award, National Council for Geographic Education, Savannah, Georgia.

TEACHING

Western Michigan University

Geography 1050 – Physical Geography (General Education Area VI)
Geography 2650 – Introduction to Geospatial Technologies (General Education Area VII)
Geography 3010 – Fundamental of Geographic Information Systems
Geography 3500 – Conservation and Environmental Management (General Education Area VII)
Geography 4260 – Disasters and Risk Management
Geography 5570 – Environmental Impact Assessment
Geography 5820 – Remote Sensing of the Environment
Geography 5970 – Independent Study (14 Undergraduate; 16 Graduate)
Geography 6200 – Seminar in Physical Geography
Geography 6250 – Seminar in Disasters & Risk Management
Geography 6650 – Seminar in Geography

California State Polytechnic University - Pomona

Geography 101 – Physical Geography
Geography 303 – Climatology
Geography 309 – Field Geography

SUPERVISION OR COMMITTEE SERVICE ON ADVANCED DEGREES

Thesis Chair

2016 Zachary Merrill, *Understanding the Controversy Surrounding the Wolf-Hunt by Michigan Residents.*

2016 Katy Moharter, *A Geographic Distribution and Examination of Social-Psychological Factors and Their Impact on Support for the Death Penalty in the United States.*

2015 Bradley Farley, *NCAA Conference Realignment – What are the Reasons for It?*

- 2014 Shannon McEwen, *No Fracking Way! A Study on the Spatial Patters of and Changes in Perception and Distance from a Michigan Horizontal Hydrualic Fracturing Site*
- 2012 Lucas Kanclerz, *Understanding Wildfire Hazard Vulnerability of Residents in Teton County, Wyoming*
- 2011 Carissa Jackson, *Modeling Habitat Suitability for the Mitchell's Satyr Butterfly Using A GIS*
- 2010 Mark A. Moody, *NASCAR Demographics and Attraction Power*
- 2008 Ray Koole, *National Park Service Interpretive Programs: Making your Park Visit More Meaningful*
- 2007 Jessica Wesel, *Educating Fourth Grade Students about Grey Wolves (Canis Lupus) Using a Teaching Trunk*
- 2006 Melissa Kovach, *Sodium Chloride and its Impacts on Blueberry Soils*
- 2005 Jennifer Weller, *A Model of the Natural Spread of the Invasive Insect Species Emerald Ash Borer in the Lower Peninsula of Michigan*
- 2005 Linnea Hruska, *Successful Superfund Site Restoration: A Case Study of Independence Grove Forest Preserve*
- 2003 Jaclyn Burke, *Assessing the Acceptance of the New Environmental Paradigm in Kalamazoo County, Michigan*

Independent Project Chair

- 2017 Aimee Moore. *Eastern Hemlock Infestation: Potential Geographic Distribution of the Hemlock Woolly Adelgid in Michigan forests*, April 2017 Graduation Anticipated.
- 2016 Karma Hassel, *The Influence of Community-Based Sustainability Projects on Environmental Perceptions and Behavior.*
- 2009 Kim Walton, *Environmental Assessment of Land Cover Changes in the Upper Rio Montagua Watershed*

Dissertation Committee Member

- 2017 Dan Serfas, *Is the Built Environment That Important in Determining Obesity?: An Investigation of Perceptions Using Concept Mapping and Spatial Statistics*, University of Toledo, May 2017 Graduation Anticipated.

Thesis Committee Member

- 2017 Ryan Filbin, *Assessing Channel Response to the Removal of the Sixth Street Dam in Grand Rapids, Michigan, using SWAT*, April 2017 Graduation Anticipated.
- 2016 Virginia VanderVeen, *Mapping Barrier Effects in the Wealthy Street Corridor in Grand Rapids*, December 2016 Graduation Anticipated
- 2015 Douglas Vander Hulst, *Growth of LEED in the Midwest: Do the Demographics and Climate of the Midwest*
- 2014 Rudy Bartels, *The Climatology of Drought in Southern Michigan*
- 2014 Anne Santa Maria, *Managing Dispersed Recreation in the Allegheny National Forest*
- 2013 Elise Crafts, *Recognized or non-Recognized by the United States Government: Native American's role in Environmental Management*
- 2013 Sokhna Diop, *GIS-based Flood Analysis for Adequate Flood Mitigation in an Unplanned Urban Area*
- 2012 Daniel Serfas, *Assessing the Impacts of Dams on Nutrient and Sediment Loading in the Kalamazoo River Using the Soil and Water Assessment Tool (SWAT)*
- 2012 Andrea Blanka Szell, *Attitudes and Perceptions of Local Residents and Tourists Toward The Protected Area of Retezat National Park, Romania*
- 2012 Joseph Burkhead, *Prospects for an International Charter Space and Major Disaster' Response to Drought Disasters - An Anhui, China Case Study*
- 2011 Doug Rivet, *Non-Parametric Interpolation and Weather Research Forecast Models for Potato Late Blight Risk Forecasting*
- 2006 Janice Fulford, *Detecting and Mapping the Michigan Vegetation Zone Using Ecological Indicators*

- 2006 David Pagel, *The Impact of Available Teachers Resources on Students' Perceptions of the Environment*
- 2006 Amatun Noor, *Using Geographic Information Systems to Assess Risk for Elevated Blood Lead Levels in Children of Kalamazoo County, Michigan*
- 2005 Ben Skarp, *Michigan Heritage Water Trails: A Feasibility Study for Pine Creek and Nottawa Creek, Athens, Michigan*
- 2003 Fitria Wahid, *Classifying Forest Composition Using Fractal Characterization as an Index of Image Texture*
- 2003 Kenneth Sexton, *Stream Bank Erosion and Land Use/Land Cover Along the Gun River, Allegan County, Michigan*
- 2002 Joel Intrieri, *Investigating El Nino Southern Oscillation and Tornado Activity in Texas*
- 2002 John Truchan, *High Oblique Photographic Assessment of Lakeshore Residential Landscapes in Southwest Michigan*

Independent Study Member

- 2010 Teresa Heller, *Woodlawn Preserve: Area History and Management Strategies*
- 2005 Matthew Williams, *Planning for Wildland/Urban Interface Wildfires: Deriving Factors for Assessing Areas of Suitable Development in the WUI from Wildfires*

Undergraduate Honors Thesis Chair

- 2014 Emma Fojtik, *Study of Habitat Suitability for the Downy Woodpecker*

INDEPENDENT STUDY

Undergraduate Students

- Mary Lou Brooks (Summer I 2016)
- Aimee Moore (Fall 2014)
- Emma Fojtik (Spring 2014)
- Luke Strunk (Summer I 2013)
- Kenneth Syers (Summer II 2011)
- Jay K. Jessen (Summer I 2010)
- Mary Lou Brooks (Spring 2010)

- Karthik Ramchandran (Fall 2007)
- Shaun Rose (Spring 2004)
- Wade Hawes (Fall 2003)
- Stacy Putnam (Fall 2003)
- Ryan Heise (Fall 2003)
- Kyle Lott (Spring 2003)
- Andrea Marlatt (Spring 2003)

Graduate Students

- Rudy Bartel (Summer I 2013)
- Shannon McEwen (Summer I 2013)
- Anne Santa Maria (Summer I 2013)
- Carissa Jackson (Fall 2010)
- Emily Simms (Fall 2010)
- Douglas Rivet (Fall 2010)
- Ray Kool (Fall 2007)
- Nikkia Mittan (Summer 2006)
- Jessica Wesel (Summer 2006)
- Zachary Newton (Fall 2005)
- Todd Norwood (Fall 2005)
- Jessica Wesel (Fall 2005)
- Souyma Das (Fall 2003)
- Siva Chinniah (Fall 2003)
- Linnea Hruska (Fall 2003)
- Jenny McCrary (Fall 2003)
- Ricardo Noguiera (Fall 2003)
- Hellen Ojwang (Fall 2003)
- Steve Shaffer (Fall 2003)
- Matt Williams (Fall 2003)
- Jaclyn Burke (Summer 2002)
- Kim Walton (Summer 2002)
- Michele Richards (Spring 2002)

III. PROFESSIONAL SERVICE

AWARDS

- | | |
|------|---|
| 2015 | Nominee, University Distinguished Service Award, Western Michigan University, Kalamazoo, Michigan |
| 2013 | 2012-2013 College of Arts and Sciences Faculty Achievement in Professional and Community Service, College of Arts & Sciences, Western Michigan University, Kalamazoo, Michigan. |

OFFICES HELD IN NATIONAL AND STATE PROFESSIONAL ASSOCIATIONS

- 2010-2014 Chair, 2014 East Lakes/West Lakes Joint Regional Meeting, Association of American Geographers.
- 2011-2013 Coordinator, East Lakes World Geography Bowl Team, Association of American Geographers
- 2009-2014 Secretary/Treasurer, East Lakes Division of the Association of American Geographers
- 2005-2013 East Lakes Regional Councilor, Gamma Theta Upsilon (Geography Honor Society)
- 2006-2008 Academic Director, Environmental Perception and Behavioral Geography Specialty Group, Association of American Geographers.
- 2004-2006 Chair, Environmental Perception and Behavioral Geography Specialty Group, Association of American Geographers.
- 2001-2004 Publications Committee, Association of American Geographers.
- 2002-2004 Vice-Chair, Environmental Perception and Behavioral Geography Specialty Group, Association of American Geographers.
- 2001- 2003 Chair, Planning Committee, Joint Meeting of the East Lakes and West Lakes Divisions of the Association of American Geographers Annual Conference. Kalamazoo, Michigan.
- 2001-2002 Academic Director, Environmental Perception and Behavioral Geography Specialty Group, Association of American Geographers.

DISCIPLINE SERVICE

- 2015 Panelist, *Sports Geography II: Using Sports to Teach Geography*. Association of American Geographers Annual Conference. Chicago, Illinois.
- 2015 Panelist, *Geographies of Hazards Education in North American Higher Education Institutions: Fragmenting a Common Core*. Association of American Geographers Annual Conference. Chicago, Illinois.
- 2011 Exam Reviewer, Western Governors University, Salt Lake City, Utah

- 2010 Member, Faculty Advisory Board, *Mastering Geography*, Pearson/Prentice Hall.
- 2010-present Textbook Reviewer, Pearson/Prentice Hall.
- 2010-present Laboratory Manual Reviewer, Pearson/Prentice Hall.
- 2010 External Reviewer, Master Thesis, College of Humanities and Social Sciences, Massey University, New Zealand.
- 2010-present Manuscript Reviewer, *Journal of Applied Geography*.
- 2009-present Manuscript Reviewer, *Journal of Geoscience Education*.
- 2007-present Coordinator, Michigan State Finals, National Geographic Bee, National Geographic Society.
- 2007-2009 Member, Geography Excellence in Media Awards Task Force, National Council for Geographic Education.
- 2006-present Manuscript Reviewer, *Journal of Environmental Psychology*.
- 2006 Textbook Reviewer, Content Connection.
- 2006 Session Chair, *Sports: Whose Game Is It?* National Council for Geographic Education. Lake Tahoe, Nevada.
- 2006 Session Chair, *Sports: International Status*, National Council for Geographic Education. Lake Tahoe, Nevada.
- 2006 Session Chair, *Water Quality*, Association of American Geographers Annual Conference, Chicago, Illinois.
- 2006 Discussant, *Geography Undergraduate Program Assessment*, Association of American Geographers Annual Conference, Chicago, Illinois.
- 2006 Panelist, *Best Teaching Practices: Three Panel Sessions #3: Physical*, Association of American Geographers Annual Conference, Chicago, Illinois.
- 2005-2006 Member, Chicago Meeting Local Arrangements Committee, Association of American Geographers.
- 2005-present Grant Reviewer, National Science Foundation, Washington, D.C.

- 2005-present Manuscript Reviewer, *International Research in Geographical and Environmental Education*.
- 2005-present Editorial Board, *Geographical Bulletin*.
- 2003 Session Chair, *K-12 Geography Education Part II: Assessing Change Over Time*, GeoNexus: Conference on Research in Geographic and Environmental Education, San Marcos, Texas.
- 2003 Session Chair, *K-12 Geography Education Part I: Current Conditions*, GeoNexus: Conference on Research in Geographic and Environmental Education, San Marcos, Texas.
- 2003 Session Chair, *Pedagogy and Instruction in Geography*, GeoNexus: Conference on Research in Geographic and Environmental Education, San Marcos, Texas.
- 2003 Session Chair, *Environmental Issues: North American Perspectives*, Association of American Geographers Annual Conference, New Orleans, Louisiana.
- 2003-present Manuscript Reviewer, *Journal of Geography*.
- 2004-present Manuscript Reviewer, *International Research for Geographical and Environmental Education*.
- 2002-2003 Vice-Chair, Environmental Perception and Behavioral Geography Specialty Group, Association of American Geographers.
- 2002 Co-organizer, Summer Institute, Michigan Geographic Alliance, Kalamazoo, Michigan.
- 2002 Workshop Co-Organizer, ARGWorld – Michigan Geographic Alliance Summer Institute, Kalamazoo, MI.
- 2002 Dissertation Reviewer, Gilbert White Dissertation Award, Hazards Specialty Group, Association of American Geographers.
- 2002 Session Co-Organizer and Panelist, *The Hazards of Hazards Perception: Fire, Hurricanes, and Other Mountain-Related Hazards*, 98th Association of American Geographers Annual Conference, Los Angeles, California.
- 2001- present Manuscript Reviewer, *The Professional Geographer*.

- 2001-2004 Member, Publications Committee, Association of American Geographers.
- 2001 Session Chair, *Environmental Geography A*, East Lakes Division of the Association of American Geographers Annual Conference, Cincinnati, Ohio.
- 2001 Gilbert White Dissertation Reviewer, Hazards Specialty Group, Association of American Geographers.
- 2001-2002 Academic Director, Environmental Perception and Behavioral Geography Specialty Group, Association of American Geographers.
- 2000 Session Chair, *Bison, Bears, and Beaver*, 63rd Association of Pacific Coast Geographers Annual Conference, Arcata, California.
- 1999-2014 Associate Editor, *Research in Geographic Education*.
- 1999 Session Chair, *Glacial Geomorphology and Hazards*, Association of American Geographers Annual Conference, Honolulu, Hawaii.
- 1999 Session Chair, *Glacial Geomorphology and Hazards*, Association of American Geographers Annual Conference, Honolulu, Hawaii.
- 1997 Session Co-organizer, *Riparian Vegetation I: Natural Influences*, Association of American Geographers Annual Conference, Boston, Massachusetts.
- 1997 Session Co-organizer, *Riparian Vegetation I: Natural Influences*, Association of American Geographers Annual Conference, Boston, Massachusetts. With G. Malanson.
- 1997 Session Chair, *Riparian Vegetation II: Human Influences*, 94th Association of American Geographers Annual Conference, Boston, Massachusetts.
- 1996 Session Chair, *Riparian Vegetation II: Human Influences*, 94th Association of American Geographers Annual Conference, Boston, Massachusetts.

UNIVERSITY

- AY 2016 Chair, Climate Change Advisory Board, College of Arts & Sciences, Western Michigan University, Kalamazoo, Michigan.
- 2015-present WMU Faculty Athletic Representative, NCAA, MAC, NCHC (hockey) Conferences.

2015-present Chair, Athletic Board, Western Michigan University, Kalamazoo, Michigan.

AY 2015-present Advisor, Climate Change Minor, College of Arts & Sciences, Western Michigan University, Kalamazoo, Michigan.

AY 2014-present Member, Climate Change Minor Advisory Board, College of Arts & Sciences, Western Michigan University, Kalamazoo, Michigan.

AY 2012-present Member, Teaching, Learning, and Assessment Committee, College of Arts & Sciences, Western Michigan University, Kalamazoo, Michigan.

2013-present Member, Student Welfare Committee, WMU Athletic Board, Western Michigan University, Kalamazoo, Michigan

2010-2015 Member, Athletic Academic Services Oversight Committee, WMU Athletic Board, Western Michigan University, Kalamazoo, Michigan

2009–2015 Member, WMU Athletic Board, Western Michigan University, Kalamazoo, Michigan

2006-2011 Moderator, Geography Bowl, International Education Week/Geography Awareness Week, Western Michigan University, Kalamazoo, Michigan.

2007-2011 Member, Distinguished Service Award Committee, Western Michigan University, Kalamazoo, Michigan.

2006, 2007, 2010 Observer, Medallion Scholarship Competition, Western Michigan University, Kalamazoo, Michigan.

AY 2006-2009 Faculty Representative, Faculty Senate, Western Michigan University, Kalamazoo, Michigan.

2005 Writer, Areas 6 & 7 General Education Assessment Reports, Western Michigan University, Kalamazoo, Michigan.

AY 2003-2006 Committee Member, All-University Graduate Student Teaching Effectiveness Award Committee, Western Michigan University, Kalamazoo, Michigan.

2005 Interviewer, Medallion Scholarship Award, Western Michigan University, Kalamazoo, Michigan.

- AY 2004-2013 Committee Member, Distinguished Service Award Committee, Western Michigan University, Kalamazoo, Michigan.
- AY 2004 Mentor – Teaching Large Classes, Center for Teaching and Learning, Western Michigan University, Kalamazoo, Michigan
- 2004 Member, Associate Dean Search Committee, College of Arts & Sciences, Western Michigan University, Kalamazoo, Michigan.
- AY 1997 Committee Member, Presidential Award in Scholarly/Creative Activities, Southwest Texas State University, San Marcos, Texas.
- AY 1997 Committee Member, Presidential Service Award Committee, Southwest Texas State University, San Marcos, Texas.

DEPARTMENT

- AY2015 - present Member, Lucia Harrison Endowment Fund Committee, Department of Geography, Western Michigan University, Kalamazoo, Michigan.
- AY 2012-2015 Undergraduate Advisor, Department of Geography, Western Michigan University, Kalamazoo, Michigan.
- AY 2012-2015 Chair, Scholarship Committee, Department of Geography, Western Michigan University, Kalamazoo, Michigan.
- AY 2009-2011 Member, Executive Committee, Department of Geography, Western Michigan University, Kalamazoo, Michigan.
- AY 2009-present Member, Curriculum Committee, Department of Geography, Western Michigan University, Kalamazoo, Michigan.
- AY 2010-2013 Co-Coordinator, Teaching Brown Bag Seminar, Department of Geography, Western Michigan University, Kalamazoo, Michigan.
- AY 2001, AY 2004-2006 Faculty Advisor, Gamma Theta Upsilon, Department of Geography, Western Michigan University, Kalamazoo, Michigan.
- AY 2006-2007 Chair, Assessment Committee, Department of Geography, Western Michigan University, Kalamazoo, Michigan.
- AY 2005, AY2007 Member, Executive Committee, Department of Geography, Western Michigan University, Kalamazoo, Michigan.

- AY 2005-2006 Chair, Curriculum Committee, Department of Geography, Western Michigan University, Kalamazoo, Michigan.
- AY 2003-2006 Member, Curriculum Committee, Department of Geography, Western Michigan University, Kalamazoo, Michigan.
- AY 2003 Undergraduate Advisor, Department of Geography, Western Michigan University, Kalamazoo, Michigan.
- AY 2003-AY 2004 Co-chair, Assessment Committee, Department of Geography, Western Michigan University, Kalamazoo, Michigan.
- AY 2001-AY 2003 Chair, 2003 East Lakes/West Lakes Regional Meeting Planning Committee, Department of Geography, Western Michigan University, Kalamazoo, Michigan.
- AY 2000 Computer Laboratory Director, Department of Geography and Anthropology, California State Polytechnic University, Pomona, California.
- AY 2000 Member, Budget and Planning Committee, Department of Geography and Anthropology, California State Polytechnic University, Pomona, California.
- AY 2000 Member, Curriculum Committee, Department of Geography and Anthropology, California State Polytechnic University, Pomona, California.

COMMUNITY SERVICE/COMMITTEES

- 2013 Guest Speaker, Robotics First, Kalamazoo, Michigan.
- 2011 Guest Speaker, 3rd Grades, Comstock Public Elementary Schools, Comstock, Michigan
- 2004-2006 Coach, Comstock Northeast Middle School Track and Field Team, Comstock, Michigan.
- 2004 Co-advisor, Geography Club, Comstock Northeast Middle School, Comstock, Michigan.
- 2003 Workshop Co-leader, Geography Awareness Week Workshop (GIS and Mapping), Glowing Embers Girl Scouts of Kalamazoo, Kalamazoo, Michigan.
- 2003 Guest Badge Leader, Boy Scouts of America Troop #24 (from Illinois), Warren Dunes State Park, Michigan.

- 2003 Guest Speaker, 4th Grade, Northwood Elementary School, Parchment, Michigan.
- 2002 Geography Awareness Week Guest Speaker, 1st and 5th Grades, King-Westwood Elementary School, Kalamazoo, Michigan.
- 2002 Geography Awareness Week Guest Speaker, 5th Grade, King-Westwood Elementary School, Kalamazoo, Michigan.