

**Bethany M. Stich**  
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## EDUCATION

**Ph.D Public Administration and Policy**, Center for Public Administration and Policy, May, 2006  
Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, VA  
*Concentration:* Transportation Policy, Visioning and Logistics & Economic Development  
**Master of Public Administration**, Kennesaw State University, December 2000  
**Bachelor of Science**, Political Science; Minor: English, March 1996 - North Georgia College and State University

## CURRENT POSITION

**Chair and Associate Professor** Department of Planning and Urban Studies, **Director for Research**, Merritt C. Becker, Jr. University of New Orleans Transportation Institute, New Orleans, LA, August 2012 to present.  
**Associate Director, National Center for Strategic Transportation Policies, Investment & Decisions**, University Transportation Center University of Maryland, September 2013 to present.  
**Associate Director, Maritime Transportation Research and Education Center**, University of Arkansas, January 2106 to present.

## RELATED ACADEMIC EXPERIENCE

**Assistant Director of Transportation Policy**, John C. Stennis Institute for Government and Community Development.  
**Assistant Professor**, Department of Political Science and Public Administration, Mississippi State University, Mississippi State, MS August, 2006 to August, 2012.  
**Research Fellow**, Geosystems Research Institute, Mississippi State University, Mississippi State, MS August, 2006 to August, 2012.  
**Virginia Tech, Associate Director**, Center for Transportation Policy, Virginia Tech Transportation Institute, 2002 to 2006.  
**Senior Research Associate**, University Transportation Fellow, Virginia Tech Transportation Institute, Blacksburg, VA December, 2002 to August, 2006.

## AFFILIATIONS

Transportation Research Board: Intermodal Freight Committee  
Transportation Research Board: Logistics of Disaster Response and Business Continuity  
Past President and Board Member: Mississippi Heritage Trust  
American Society for Public Administration Member  
Women in Public Administration  
Executive Committee Public Administration Research  
Past President Transportation Policy and Administration  
Past Board Member, Industry Advisory Council (IAC) Center for Logistics, Trade and Transportation at the University of Southern Mississippi  
Phi Kappa Phi Member  
Pi Sigma Alpha Member  
Pi Alpha Alpha Member

## SCHOLARLY AND CREATIVE PRODUCTIVITY

### PROFESSIONAL AND PEER REVIEWED PUBLICATIONS

Rodrigo A. A. Nobrega, **Bethany Stich**, Jose I. Ferreira Junior, Leise K. Oliveira, Marcelo T. Oliveira, “Improving the Transportation Planning Process: GIS-Based Multicriteria Simulations and Discussions Toward the Design of the Belo Horizonte Metropolitan Bypass,” *Transportation Review Board*, Under Review, August 1, 2016.

**Stich, Bethany** and Peter Webb, “Electronic Navigation: The Future of Waterborne Shipping,” *Transportation Review Board*, Under Review, August 1, 2016.

**Stich, Bethany**, James Amdal, Colin Ash, Brittany Waggener, Peter Webb, “Incorporating Freight and Trade in the Comprehensive Plan: A Megaregion Case Study,” *Transportation Review Board*, Under Review, August 1, 2016.

Griffith, Kyle, **Bethany Stich**, and Kim Mosby, “The Cuban Effect: What Normalized US-Cuba Relations Mean for Economies and Freight Flows in the Gulf of Mexico,” *Transportation Review Board*, Under Review, August 1, 2016.

**Stich, Bethany** James Amdal, Kyle Griffith, and Peter Webb, “Assessing the Potential for Gulf Coast NAFTA Maritime Trade Corridors,” *Transportation Review Board*, Under Review, August 1, 2016.

**Stich, Bethany** and Jeffrey Cavanaugh, “The U.S. Gulf in a Liquefied Natural Gas Rich World.” *Transportation Review Board*, Under Review, August 1, 2016.

Jeremy Plant and **Bethany Stich**, “ASPA’s Section on Transportation Policy and Administration: A Look Back.” *Public Works Management & Policy*, Volume 19. Issue 4, October, 2014.

**Stich, Bethany** and Kyle Griffith, “Ending Transportation Neglect in America.” *Public Works Management & Policy*, Volume 19. Issue 4, October, 2014.

**Stich, Bethany**, “Intermodal Transportation Disruption and Reroute Simulation Framework.” *Transportation Research Record: Journal of the Transportation Research Board of the National Academies of Science, Freight Systems*, Volume 1: Planning Modeling, and Logistics, September, 2014.

Miller, Chad and **Bethany Stich**, “Realizing the Economic Development Benefits of Short-line Railroads: The Case of Mississippi.” *Regional Science Policy & Practice*, Volume 6. Issue 1, pp. 1-11. March, 2014.

Gallardo, Roberto and **Bethany Stich**, “The Extent of Cluster-Based Policies and the Political/Institutional Context: A Collective Case Study.” *Applied Research in Economic Development (ARED)*, November, 2013.

**Stich, Bethany**, “New Perspectives on Public Services: Place and Technology.” *The American Review of Public Administration*, Volume 43. Issue 3, pp.369-371. May, 2013.

**Stich, Bethany** and Chad Miller, “A New Philosophy for A New Railroad Era: Applying the Blacksburg Manifesto to Contemporary Transportation Issues.” *Administrative Theory & Praxis*, Volume 34, pp. 603-623, December, 2012.

Nobrega, R. A. A., & **Stich, B.**, “Towards the Long Term Recovery in Mississippi: Understanding the Impact of Transportation System for Economic Resilience.” *Journal of Leadership and Management in Engineering*, Volume 12. Issue 3, July, 2012.

**Stich, Bethany**, Joseph Holland, Rodrigo A. A. Nobrega and Charles G. O'Hara, "Using Multi-Criteria Decision Making to Highlight Stakeholders' Values in Modern Corridor Planning Process." *Journal of Transport and Land Use*, Volume 4. Issue 3, Fall, 2011.

**Stich, Bethany** and Chad Miller, "Economic Development Perspectives and Policy Process: The Case of Railroad Revitalization versus Rails-to-Trails." *Administration & Society*, July, 2011.

Chad Miller and **Bethany Stich**. "Leveraging a Flat World with Intermodal Hubs." *Global Horizons*. Volume 4, Issue 1, Spring, 2011.

Nobrega, R. A. A., Brooks, C., O'Hara C., & **Stich, B.**, "Multi-scale GIS Data-driven Method for Early Assessment of Wetlands Impacted by Transportation Corridors." In Dr. Bhuiyan M. Alam (Eds.), *The Geographic Information System*. ISBN 979-953-307-419-0 (In Press). Rijika, Croatia. 2011.

**Stich, Bethany** and Joseph Holland, "Using a Multiple Criteria Decision Making Model to Streamline and Enhance NEPA and Public Participation Processes." *Public Works, Management & Policy*, January, 2011.

Bryer, Thomas, Jeffrey Callen, Angela Eikenberry, Terence Garrett, Jeannine Love, Chad Miller, **Bethany Stich**, Craig Wickstrom, "The Obama Presidency: Hope or Hype?" *Administrative Theory & Praxis*, Volume 32. Issue 2, June, 2010.

**Stich, Bethany** and Chad Miller. "Collective Action Regimes in Inland Marine Port Clusters: The Case of the Tenn-Tom Waterway System," MS Water Resource Conference. *Proceedings*, 2009.

Holland, Jody, Doug Goodman, and **Bethany Stich**, "Defined Contributions Plans emerging in the Public Sector: The Manifestation of Defined Contributions and The Effects of Workplace Financial Literacy Education." *Review of Public Personnel Administration*, Volume 28. Issue 4, pp. 367-384, 2008.

**Stich, Bethany** and Chad Miller, "Using the Advocacy Coalition Framework to Understand Freight Transportation Policy Change." *Public Works Management and Policy*, Volume 13. Issue 1, pp. 62-74, 2008.

**Stich, Bethany** & Kim Eagle, "Planning to Include the Public: Recommendations to Encourage Citizen Involvement." *Public Works Management & Policy*, April, 2005.

**Stich, Bethany**, Goktug Morcol, & Ulf Zimmermann, "From Sprawl to Smart Growth: The Case of Atlanta." In Mathew Lindstrom and Hugh Bartling (Eds.), *Suburban Sprawl: Culture, Theory and Politics*, 275-287. Lanham: Rowman & Littlefield Publishers, Inc., 2003.

**Stich, Bethany**, Goktug Morcol, & Ulf Zimmermann, "The Georgia Regional Transportation Authority: A Smart Growth Machine?" *Politics & Policy*, Volume 31. Issue 3, pp. 488-511, September 2003.

#### **RECENT TRADE PUBLICATIONS & FINAL REPORTS**

**Stich, Bethany**, Amdal, Jim, & Webb, Peter, (2016). *Liquefied Natural Gas: A Status Report from LA: Staying Number One*.

**Stich, Bethany**, Griffith, Kyle, & Webb, Peter, (2015). *The Gulf Coast Megaregion: In Search of a New Scale to Understand Freight Transportation and Economic Development*.

**Stich, Bethany**, Griffith, Kyle, Webb, Peter, Waggoner, Brittany, & Amdal, Jim, (2015). Assessing the Potential for Gulf Coast NAFTA Maritime Trade Corridors.

O'hara Charles & **Stich, Bethany**, (2012) Multimodal Transportation Disruption & Reroute Simulation Framework.

**Stich, Bethany** and Bill Martin, (2011) Measurements for Success of Container on Barge Utilization on the Tennessee-Tombigbee Waterway Prepared for: The National Center for Intermodal Transportation (NCIT).

Nobrega, R. A. A., & Stich, **Bethany**, (2010) Integrado Sig Ao Sistema de Transporte Multimodal. *InfoGeo Magazine*. Curitiba, Brazil: MundoGeo Ed., 60.

**Stich, Bethany**, Bill Martin, Chad Miller, Brian Richard, Joseph Holland, Bob Eskridge, Kywail Lawrence, Di Miao, (2010) "An Analysis of the Economic, Workforce and Regional Impacts Associated with the Revitalization of the Columbus & Greenville Railroad."

O'Hara, Charles, Colin Brooks, Jeremiah Dumas, Oscar Franzese, Joseph Holland, Rodrigo Nobrega, and **Bethany Stich**, (2010) "Streamlining Transportation Corridor Planning Processes and Validating the Application of CRS&SI Technologies for Environmental Impact Statements."

Parhizkar, Omid, **Bethany Stich**, Chad Miller, and Bob Smith, (2007) "Analysis of Transportation Needs of Appalachian Hardwood Sawmills," *Southern Lumberman*, April, Volume 125. Number 4.

## **PROFESSIONAL PRESENTATIONS**

**Bethany Stich**, (2016) "Energy and the Gulf Coast." Energy Council, Annual Meeting, New Orleans, LA, September 16. (Invited)

**Bethany Stich**, (2016) "The Challenges of Establishing Maritime Shipping Corridors in the Gulf of Mexico between the U.S., Mexico, and Cuba." American Society for Public Administration 2016 Annual Meeting, Seattle, WA, March 20.

**Bethany Stich** and Kyle Griffith (2015) "Assessing the Potential for Gulf Coast NAFTA Maritime Trade Corridors." METRANS International Urban Freight Conference, Long Beach, CA, October 22.

**Bethany Stich** and Kyle Griffith (2015) "The Gulf Coast Megaregion: In Search of a New Scale to Freight Transportation & Economic Development." METRANS International Urban Freight Conference, Long Beach, CA, October 22.

**Bethany Stich**, (2015) "Trends in Transportation - Truck, Rail, Barge & Ocean Vessel." Critical Commodities Conference. New Orleans, LA, April 8. (Invited)

**Bethany Stich**, (2015) "Future Maritime Workforce Building." Greater New Orleans Inc. Future Building Workshop. Port of New Orleans, New Orleans, LA, March 27. (Invited)

**Bethany Stich**, (2015) "The Gulf Coast Megaregion: In Search of a New Scale to Understand Freight Transportation & Economic Development." American Society for Public Administration. Chicago, IL, March 6-10.

**Bethany Stich**, (2015) "Understanding Freight Based Economic Development Transportation Planning." Arizona State University Transportation Engineering Seminar. Tempe, AZ, February 5-7. (Invited).

**Bethany Stich**, (2015) "Intermodal Transportation Disruption and Reroute Simulation: Lessons Learned for Freight Planning." Universidade Federal de Minas Gerais. *Inteligencia Geografica Aplicada Ao Planejamento de Transportes*. Pampulha-Belo Horizonte, Brazil, November 25-28. (Invited).

**Stich, Bethany, Griffith, Kyle, & Webb, Peter.** (2015) "The Gulf Coast Megaregion: In Search of a New Scale to Understand Freight Transportation and Economic Development." Southeastern Conference for Public Administration Annual Conference, Charleston, SC, September 30-October 3.

John Renne and **Bethany Stich**, (2014) "Transportation Research at UNO." University of Arkansas, Fayetteville, AR, November 7.

**Bethany Stich**, (2014) "Transportation and Federalism" American Society of Public Administration. Washington, DC, March 14.

**Bethany Stich**, (2014) "Marine 101: Exploring the World of Water Transportation." Transportation Research Board Workshop, National Academies of Science. Washington, D.C., January 12. (Invited).

**Bethany Stich**, (2014) "Intermodal Transportation Disruption and Reroute Simulation Framework: Lessons for Freight Planning." Transportation Research Board, National Academies of Science, Washington, DC, January 14.

**Bethany Stich** and Kyle Griffith, (2013) "Federalism, Politics & Economic Development: The Port of Gulfport as Transportation Histrionics." Southeastern Conference for Public Administration. Charlotte, NC, September 25-28.

**Stich, Bethany**, (2013). "Data Challenges in Economic Impact Assessment of Transportation Infrastructure Projects." American Society for Public Administration. New Orleans, LA, March 13-16.

**Stich, Bethany**, (2012). "The Economic Benefit of Transportation Infrastructure Projects, My Crystal Ball is Blurry." Southeastern Conference for Public Administration. Crystal Springs, FL, October 3-6.

**Stich, Bethany**, (2012) "Can a Container on a Barge Fill Our Big Box Store Needs?" American Society of Public Administration. Las Vegas, NV, March 2-6

Nobrega, R. A. A., O'Hara C., Sadasivuni, R., & **Stich, B.**, (2012) "Assessing Environmental-Impacted Features of EIA Study in Corridor Planning Based on GIS and Remote Sensing Technologies." Proceedings of IV SIMGEO. Recife-Brazil: Universidade Federal de Pernambuco UFPE.

Nobrega, R. A. A., **Stich, B.**, & Holland, J., (2011) "A GIS-Oriented Method to Investigate Regional Economic Impacts Caused by Disruptions in Transportation Network." Proceeding of ANPET, Belo Horizonte, Brazil, November 7-11, (Brazilian National Association of Research and Education in Transportation).

**Stich, Bethany** (2011) “Can a Container on a Barge Fill Our Big Box Store Needs?” Southeastern Conference of Public Administration. New Orleans, LA, September 21-24.

Gallardo, Roberto and **Bethany Stich** (2011) “The Extent of Cluster-Based Policies and the Political/Institutional Context: A Collective Case Study.” Southeastern Conference of Public Administration. New Orleans, LA, September 21-24.

Nobrega, R. A. A., & **Stich, B.** (2011) “Economic Losses in Mississippi Caused by Disruptions in Transportation System: An Enhanced Simulation Combining Geospatial, Freight and Census Data Analysis.” Proceedings 18th William T. Pecora Memorial Remote Sensing Symposium. Dulles, VA: American Society of Photogrammetry and Remote Sensing ASPRS PECORA 2011.

**Stich, Bethany**, (2011) “International Trade and Transportation.” Global Actions, Local Impacts, Tupelo, MS, June 21. (Invited).

Nobrega, R.A.A., Charles O’Hara, **Bethany Stich** (2011) “Top-down Landscape-based Approach toward the Assessment and Ranking of Watershed and Wetland Impacts by a Transportation Corridor.” Transportation Research Board, National Academies of Science. Washington, DC, January 14-20.

**Stich, Bethany** and Joseph Holland, (2011) “New Public Management in Transportation Policy: Investigating the Utilization of Information Technology in the NEPA Process.” Southern Political Science Association. New Orleans, LA, January 6.

**Stich, Bethany**, Chad Miller and Joseph Holland, (2011) “What to do When Trains Don’t Run on Time?” Southern Political Science Association. New Orleans, LA, January 6.

Nobrega, R. A. A., O’Hara C., & **Stich, B.** (2010) “A Geospatial Framework to Analyze Impacts from Disruptions to Critical Infrastructures in Rail Network.” ASPRS 2010 Annual Meeting. San Diego, CA.

Holland, Joseph and **Bethany Stich**, (2010) “Using Economic Modeling to Identify the Economic Disruption of Katrina: A Comparative Analysis of REMI.” “Returning to Katrina: Bringing Hurricane Katrina Research Back to the Community.” Long Beach, MS, June 2010,

**Stich, Bethany** and Joseph Holland, (2010) “Disruptions to Rail- Impacts Analysis and Decision Support (DRIADS),” “Returning to Katrina: Bringing Hurricane Katrina Research Back to the Community.” Long Beach, MS, June 2010.

**Stich, Bethany** and Joseph Holland, (2010) “Using a Multiple Criteria Decision Making Model to Streamline and Enhance NEPA and Public Participation Processes.” Transportation Research Board (TRB) Energy and Environmental Research Conference, Raleigh, NC, June.

**Stich Bethany** and Chad Miller, (2009) “The Governance of Collective Action Regimes: The Case of the Tenn-Tom Inland Waterways Port Cluster.” Southeastern Conference of Public Administration (SECOPA). Louisville, KY, Sept 30- Oct 2.

**Stich, Bethany** and Chad Miller, (2009) “Collective Action Regimes in Inland Marine Port Clusters: The Case of the Tennessee-Tombigbee.” Proceedings of the Waterway 2009 Mississippi Water Conference. Tunica, MS, August 5-7.

**Stich Bethany** and Chad Miller, (2009) "A New Public Philosophy for the Current Freight Based Economic Development Railroad Renaissance." Public Administration Theory Network Conference (PAT-NET), Frankfort, KY, May 28.

**Stich, Bethany**, (2009) "Utilizing REMI to Streamline Planning, Public Participation and Economic Development." Understanding Spatial-Criteria Decision Making: An Analytical Demonstration of AHP-based MCDM and how it is used in GIS. *National Consortium for Remote Sensing in Transportation - Memphis in May Workshop*. Memphis, TN: NCRST/GRI.

**Stich, Bethany**, (2009) "Evacuation Models and Dynamics." Center for the Study of Natural Disaster Coastal Infrastructure and Emergency Management. Chapel Hill, NC.

**Stich, Bethany**, Jeremiah Dumas, Jason Walker, Charles O'Hara, (2009) "The Integration of Context Sensitive Solutions with Transportation Planning Process." National Academies of Science, Transportation Research Board, 88<sup>th</sup> Annual Meeting, Washington, DC, January.

Miller Chad and **Stich Bethany**, (2008) "Realizing the Benefits of Short-line Railroads: The Case of Mississippi." Southeastern Conference of Public Administration (SECOPA). Orlando, FL, September.

**Stich, Bethany**, (2008) "A Normative Grounding for the New Era of Rail Building." Southeastern Conference of Public Administration, Annual Meeting. Orlando, FL, September.

**Stich, Bethany**, (2008) "Intermodal Emphasis in Mississippi." Mississippi Water Resource Association Annual Meeting. Bay St. Louis, MS, August. (Invited).

**Stich, Bethany**, (2008) "Evacuation Models and Dynamics." Community Resilience Workshop: Fitting the Pieces Together. Department of Homeland Security. Washington, DC, June. (Invited).

**Stich, Bethany**, (2008) "Globalization and Multimodalism in a Flat World." Intermodal Transport Symposium, Tennessee-Tombigbee Waterway Development Council. Tupelo, MS, June. (Invited)

**Stich, Bethany**, (2008) "Is the World 'Flat', 'Spiky', or Something Else and What's Driving the Train?" Gulf Coast Trade Alliance World Trade Conference: From Main Street to Global Markets, Annual Meeting. Biloxi, MS, April. (Invited)

**Stich, Bethany**, (2008) "Globalization Shaking our Foundations: The Resulting Transformational Policies of Economic Development, Transportation, Communication and Electric Utilities." American Society for Public Administration, Annual Meeting. Dallas, TX, March.

**Stich, Bethany**, Chad Miller and Jody Holland, (2008) "Using the Advocacy Coalition Framework to Understand Freight Transportation Policy Change." Southern Political Science Association Annual Meeting. New Orleans, LA, January. (Invited)

**Stich Bethany**, (2007) "Contexts Sensitive Solutions using Evacuation Models and Dynamics." Center for Coastal Community Resilience, Center of Excellence in Natural Hazards, Coastal Infrastructure, and Emergency Response. Louisiana State University, Baton Rouge, LA, November 1.

**Stich, Bethany** and Chad Miller, (2007) "Using the Advocacy Coalition Framework to Understand the Shift in the Freight Transportation Policy Subsystem." Southeastern Conference of Public Administration, Annual Meeting. Nashville, TN, September.

**Stich, Bethany** and Chad Miller, (2007) “Intermodal Freight Collaboration Challenges: The Case of the Appalachian Wood Products Industry Competing in International Markets.” “Transportation Collaboration Challenges in the 21st Century,” American Society for Public Administration, Annual Meeting. Washington, DC, March.

**Stich, Bethany**, (2006) “Public Transportation in Starkville, Mississippi: Designing and Implementing Successful Busing.” Starkville Leadership Council. Starkville, MS, November.

**Stich, Bethany** and Glenn Orr, (2006) “Strategic Transportation Project Management: Guidance for Transportation Project Management.” “Addressing Transportation Needs in the 21<sup>st</sup> Century,” Southeastern Conference of Public Administration, Annual Meeting. Athens, GA, September.

Stich, Bethany, Chad Miller and Robert Smith, (2006) “Intermodal Transportation Challenges: The Case of Appalachian Wood Products.” “Addressing Transportation Needs in the 21<sup>st</sup> Century,” Southeastern Conference of Public Administration, Annual Meeting. Athens, GA, September.

**Stich, Bethany**, Parhizkar, Omid, Robert L. Smith, and Chad R. Miller, (2006) “Analysis of the Transportation Needs of the Wood Products Industry in Appalachia.” 60th Annual Meeting of the Forest Products Society. Newport Beach, CA, June 25-28.

**Stich, Bethany**, Robert L. Smith, Parhizkar, Omid, and Chad R. Miller, (2006) “Analysis of the Transportation Issues of the Wood Products Industry in Appalachia.” Appalachian Hardwood Lumberman's Association Annual Meeting. Naples, FL, February 23-26.

**Stich, Bethany** et al., (2004) “Virginia Visioning.” Poster presentation. Transportation Research Board, Annual Meeting. Washington, DC, February.

**Stich, Bethany**, Kim Eagle, (2003) “Planning to Include the Public: Recommendations to Simplify Transportation Planning to Encourage Citizen Involvement,” “Citizen Engagement,” American Society for Public Administration, Annual Meeting. Washington, DC, March.

**Stich, Bethany**, Goktug Morcol, & Ulf Zimmermann, (2001) "The Georgia Regional Transportation Authority: Can it be Effective?" "New Cities': The Prospects of Metropolitan Governance," American Society for Public Administration, Annual Meeting. Newark, NJ, March.

## GRANTS

- Principle Investigator, Port of South Louisiana, *Port of South Louisiana Partnership Project* (\$51,475). UNOTI in conjunction with the Port of South Louisiana will conduct research on Cuban Trade Opportunities; Integrating Maritime Freight Activities into Local, Regional and State Comprehensive Planning, and K-12 Maritime Curriculum.
- Principle Investigator and Assistant Director, National Center for Strategic Transportation Policies, Investment and Decisions – *E-Navigation and Port City Challenges* (\$302,500). October 1, 2013- September 30, 2018. This research seeks to validate the application of CRS&SI technologies to collect data and provide a multi-user, multi criterion decision-making framework for the development and coordination of e-Navigation technology for the maritime industry with the purpose of improving commercial shipping safety and security.
- Principle Investigator, Maritime and Technology (MarTec), *Port Cities and Intermodal Liquefied Natural Gas Development* (\$701,383) October 1, 2013- September 30, 2018. UNOTI will work with the Port staff to investigate the best practices of LNG bunkering including: legal and regulatory issues, security issues, safety issues, cost/benefit analysis examples, facility location and construction, investment options, and carbon footprint calculations.



- Principle Investigator, Port of New Orleans, *Port of New Orleans Partnership Project*. (\$340,050). UNOTI in conjunction with the Port of New Orleans will conduct research on e-Navigation and LNG development (e.g., Harvey Gulf, NES Global Talent, Sempra Energy Inc., Lithuanian partnership) as well as coordinate workforce and educational outreach programs. This partnership includes but is not limited to issues surrounding: Multimodal LNG Supply Chain Efficacy; Economic Competitiveness through Waterborne Freight; Effects of freight operations on mobility, environment, and health exposure; Panama Canal Expansion (\$36 million container terminal expansion including two gantry cranes and a \$28 million intermodal rail yard improvement project); Maritime & Multimodal Transportation Educational Resource Development; Transportation Professional Development and Training Programs; and Future Transportation Workforce Diversity through K-12 Outreach. For more information see: Port of New Orleans Press Release Feb. 12, 2014, The Times Picayune ([www.nola.com](http://www.nola.com)) News Article Feb. 12, 2014, Kansas City Star, Feb. 16, 2014, Lexington Herald0Leader, Feb. 16, 2014New Orleans City Business Magazine Feb. 17, 2014, Lexington Herald-Leader Feb. 17, 2014, Fort Worth Star-Telegram Feb. 17, 20140, Miami Herald Feb. 17, 2014.
- Principle Investigator, Department Center of Excellent for Maritime Research – *Maritime Domain Awareness: Coastal and Marine Modeling and Analysis* (\$149,990) August 2014 – September 2019. A collaborative effort between Florida Atlantic University (FAU), University of New Orleans (UNO), and Louisiana State University (LSU) for the development of a cost-effective, adaptive tool to aid assessment and planning of the resiliency of a port and its waterside and landside distribution capacity to evolving threats and hazards, in support of avoidance and mitigation of damage and capacity reduction, and in aiding rapid recovery from disruptions. The partners will build on their significant experience in transportation simulation and modeling and take a systems approach to port distribution capacity, port operations, risk management, and policy and jurisdiction considerations in developing the proposed tool. This End-to-End tool will be available for use by local, state and federal agencies as well as port planners and operators in effective port preparedness for potential disruptions. A choice of interchangeable event modules will facilitate flexibility and adaptability in considering a range of evolving threats and hazards that can cause major disruption at a port, including natural disasters, terrorism, labor disputes as well as multiple catastrophic events.
- Principal Investigator – UNOTI – *Assessing the Potential for Gulf Coast NAFTA Maritime Trade Corridors* (\$51,144). This study assesses the potential for Gulf Coast NAFTA maritime shipping corridors. The research plan will document current trade patterns and infrastructure, analyze potential opportunities for trade expansion, and analyze the policy barriers that need to be addressed to strengthen these trade corridors. The study will produce findings and recommendations applicable to state, national, and international policymakers.
- Principal Investigator – UNOTI - *The Confluence of Transportation and Economic Activity in a Mega Region Disaster* (\$40,000). August 2012 – August 2013. This research project examines the resilience of businesses and labor markets in response to transportation disruptive events in a mega region.
- Principal Investigator – SERRI - *Analyzing Congestion and Capacity Impacts from Disruptions to Critical Infrastructures in the Port Network* (\$207,444) July 2011 – June 2012
- Principal Investigator – National Center for Intermodal Transportation - *Measurements for Success of Container on Barge Utilization on the Tennessee Tombigbee Waterway* (\$50,423). March 2011 – January 2012

- Principal Investigator - SERRI: *RA 13 – Analyzing Congestion and Capacity Impacts from Disruptions to Critical Infrastructures in the Rail Network* (\$572,297). This Southeast Regional Research Initiative (SERRI) project explored the positive effects of combining Homeland Security issues with regional transportation infrastructure decision-making and economic development potential within the State of Mississippi and southeast region. March 2010 - October 2011.
- Principal Investigator - Appalachian Regional Commission , Delta Regional Authority and Mississippi Department of Transportation: *C&G Revitalization Phase 3* (\$375,000) - This project provided the economic development and transportation system data, and workforce analysis to begin the restoration and revitalization of 93 miles of the Columbus & Greenville (C&G) rail line from West Point, MS to Greenwood, MS. Completed.
- Co-Principal Investigator - DHS, Center for Coastal Resiliency: *“Transportation Evacuation Models and Dynamics.”* Subcontractor to University of North Carolina- Chapel Hill (\$389,356 over 6 years with GRI). The goal of the “Evacuation Models and Dynamics” project was to enhance the capabilities of emerging evacuation modeling systems by increasing their level of detail and the robustness of transportation simulation. Child account for \$32,004 over 24 months. Completed.
- Key Researcher - USDOT, Research and Innovative Technology Administration (RITA): *“Streamlining Transportation Corridor Planning Processes and Validating Commercial Remote Sensing and Spatial Information (CRS & SI) Technologies for Environmental Impact Assessments.”* Co-Investigator, multi-university research project developed leading edge applications of spatial technologies for EIS production and evaluation as well as in the development of context sensitive solutions for interstate transportation corridors. Child account for \$265,332 over 24 months. Completed.
- Co-Principal Investigator - MSCAT: *“Rail Service Authority Planning & Implementation for Continued Revitalization Effort & Logistics Relief in Central Mississippi”* (\$17,500) Served as Co-Principal Investigator with faculty from the Franklin Furniture Institute of Mississippi State University to establish a regional rail authority for the state of Mississippi covering a nine county region across north central Mississippi. Completed.
- Principal Investigator - Appalachian Regional Commission and Webster County Development Council: *“Revitalization of Columbus and Greenville Railroad Line”* (\$49,972). Served as Principal Investigator with faculty from Industrial Outreach Services and Industrial Systems Engineering. The research is a C&G Rail Recovery Exploratory Study which investigates the potential economic development impact that reopening the Columbus and Greenville Rail Line will have on local counties. The research team will explore if the revitalization of the rail line will: Aid in the recruitment of industries to the region; Provide transportation logistics relief in the event of a natural disaster along the coast such as a hurricane; Determine relative interest in the rail line by existing freight customers; Estimate the potential and actual loss of industry because the rail line is inactive; and Estimate any potential cost benefits achieved through the use of alternative transportation modes. Completed.
- Principal Investigator -*Globalization and Transportation Connections:” Improved Methods for International Commerce Development in Rural America.”* Conducted transportation research in England meeting with professionals at the Port of London, Ministry of Transport, London Gateway Project, Ports Division, and the Port of Southampton. Attended the Inland Waterway Association Conference.

- Co-Principal Investigator - Federal-State Marketing Improvement Program - USDA /AMS/Virginia Department of Agriculture and Consumer Services: *“Improving the International Competitiveness of the Forest Products Industry through Improved Transportation Methods.”* Serve as Co-Principal Investigator with faculty from the Office of Economic Development and the Department of Wood Science and Forest Products. The research includes specific transportation issues in Mexico and the Caribbean basin. Extensive research into Virginia and West Virginia freight flows as well as DR-CAFTA freight flows are being conducted. Interviews with modal providers, mill operators, freight forwarders and community leaders are underway. The goal of this project is improving the untapped potential for Appalachian wood products in the nearby markets of Mexico, Dominican Republic and Honduras.
- Co-Principal Investigator - National Cooperative Highway Research Program 20-69: *“Guidance for Transportation Project Management.”* Serve as Co-Principal Investigator on a subcontract to Edwards and Kelcey, Inc. Research developed a conceptual framework for a comprehensive guidance document on project management including proven and innovative practices.
- Virginia Department of Transportation – State Transportation Planning Grant Pilot Program, New River Valley and Roanoke Valley Planning District Commissions: *“Community Transportation Coordination Plan.”* Serve as Co-Principal Investigator; created and manage a community mobility program project designed to coordinate transportation needs of human service agencies with both public and private transportation providers in western Virginia; researching best practices and examining case studies concerning human services coordination in order to make recommendations of coordination activities for the region; extensive survey and interviewing tools were used to obtain information about routes, needs, gaps and overlapping services. Research will culminate in a Community Transportation Summit and presentations; possible publications are forthcoming.
- Co-Principal Investigator - Appalachian Regional Commission and Virginia Port Authority: *“Analysis of the Transportation Needs of the Wood Products Industry in Distressed Appalachian Regions.”* Partnered with the University Office of Economic Development and the Department of Wood Science and Forest Products to study the transportation needs for the wood products industry to improve their economic competitiveness in both domestic and international markets – primarily conducted through interviews with sawmill manufacturers, community leaders, modal providers and transportation professionals. Freight flows throughout Appalachia were reviewed for ways to provide more efficient and effective movements. Research resulted in an economic development summit, conference presentations and trade journal publications.
- Virginia Department of Transportation and the Virginia Department of Rail and Public Transit: *“Statewide Multimodal Transportation Vision: Citizen Outreach.”* Project managed a contract between VDOT/VDRPT/VT and Virginia Commonwealth University which required the creation of a long-range multimodal vision for the Commonwealth of Virginia. Researched and evaluated current and future transportation needs and concerns. Internet, ASHTO references, survey data, interviews, forums, and survey instruments were applied. Moderated citizen involvement activities using the Charles F. Kettering deliberative dialogue process; provided both quantitative and qualitative data to VDOT. The project culminated in the formulation of three final documents and presentations to the Commonwealth Transportation Board and served as the basis for my dissertation.
- Richmond, Virginia Chamber of Commerce: *“Innovative Transportation Financing Options.”* Served as Co-Principal Investigator; researched and developed a white paper regarding realistic policy options that the Richmond, Virginia region could consider as solutions to the area’s current lack of transportation infrastructure and transit operations funding.

## **HONORS**

Outstanding Research Award, Geosystems Research Institute, 2009  
President, American Society for Public Administration (ASPA): SWVA (10/02 – 12/04)  
Virginia Tech Graduate School Travel Fund Scholarship, 2003  
Georgia City-County Management Association's Harold F. Holtz, Jr. Scholarship, 2000  
ASPA Student Paper Award, 2002  
Graduate Student Assembly Community Award, 2002

## **TEACHING**

TRNS 6200	Transportation Policy & Administration, Spring 2016
TRNS 6020	Intermodal Freight Transportation, Fall 2015
DURB 7020	Research Design Seminar, Fall 2015
PADM 6401 601	Administrative Behavior, Spring 2015
URBN 2100 1	Globalization and Mobility, Fall 2014
URBN 6165 601	Urban Public Policy Analysis, Fall 2014
DURB 7030 601	Research Design Practicum

## **RECENT RELATED TEACHING EXPERIENCE**

- Community Development and Transportation Policy
- Intermodal Freight Transport
- Economic Development Planning and Policy
- Globalization and Mobility
- Concepts and Approaches to Public Administration
- Public Policy
- Research Design
- Research Seminar
- Administrative Behavior
- American Public Policy: Kyungbook National University, Daegu, Korea (Invited)

## **CURRENT DISSERTATION COMMITTEE SERVICE**

Brittany Wagner, Fall 2013-Fall 2019  
Kyle Griffith, Fall 2013-Spring 2016  
Tara Lambeth, Fall 2013-Spring 2016  
Mary Goldie, Fall 2013-Fall 2019  
Thomas Harrington, Spring 2014-Fall 2017  
Kathleen Whalen, Spring 2014-Fall 2017  
Peter Webb, Spring 2014-Fall 2017  
Dennis Thornton, Fall 2014-Fall 2106  
Sreenivas Kolalakki, Fall 2014-Fall 2019  
Gerald Ormerod, Summer 2015-Fall 2016  
Kevin Brown, Fall 2013-Spring 2016

## **PROFESSIONAL SERVICE**

- Transportation Research Board: Intermodal Freight Transport Committee, Program Subcommittee Chair
  - Research Paper Review Subcommittee
  - Research Problem Statement Development Subcommittee
  - AT-065 Logistics of Disaster Relief and Business Continuity
- American Society for Public Administration:
  - Past President: Section on Transportation Policy & Administration 2014 & 2015
  - Executive Committee: Section of Public Administration Research 2009 - Present
  - Founders Forum Fellows Review Committee 2013 - Present

ASPA Future Leaders Mentoring Program 2014

Annual Conference Track Reviewer 2013 - Present

- Guest Editor: Public Works, Management & Policy Journal 2014
- Sea Grant Proposal Reviewer 2014
- Southeastern Conference of Public Administration  
Annual Conference Track Reviewer 2012 to Present

### **INSTITUTIONAL SERVICE**

- COLA Undergraduate Courses and Curriculum Fall 2014 to Present

### **COMMUNITY SERVICE**

- Board Member, Louisiana Center for Women in Government and Business, 2013 to Present
- New Orleans Nine Selection Committee 2013 & 2014
- IFFCABANO Member
- World Trade Center Transportation Committee Member
- Expert Transportation Analyst on Mississippi Public Broadcasting “Quorum” March, 2010
- Expert Census Analyst on “This Week at Mississippi State” Feb. 2010
- MS House Transportation Committee Presentation, Jan 22, 2009
- Delta Council Committee Presentation, Aug 10 2009
- Delta Council Regional Priorities Meeting Presentation Oct 28, 2009
- Presentation to Mississippi Department of Transportation Commissioner Bill Minor and District Engineer Bill Jamison, Dec 9 2009, City of Starkville, Starkville MS (Invited).
- Presentation to the Rail Authority of East Mississippi Board, Dec 3, 2009 (Invited).
- Presentation to the Mayor of Grenada, June 11, 2009.
- Worked with Mississippi Development Authority’s International Trade Specialists to coordinate Trade and Transportation between MS and China and Canada

### **OTHER PROFESSIONAL ACCOMPLISHMENTS**

**Master of Science in Transportation Program Development**, Fall 2012-Spring 2015

**Environmental Transportation Planner**, Georgia Department of Transportation, Atlanta, GA, 1999 to 2001

- Performed the overall project management for the environmental study of transportation construction projects
- Ensured the GDOT was in compliance with the processes employed by the Department for the National Environmental Policy Act and the Georgia Environmental Policy Act including areas such as: natural and cultural resources; economic development; community development; land-use; and quality of life issues.
- Prepared and processed correspondence and participated in citizen involvement activities such as public information meetings and public hearings
- Collaborated with offices within the Department (planning, engineering, design, location, ecology, archaeology, history, right-of-way, and transportation districts) and with other governmental agencies and public officials (federal, state, and local) both elected and appointed
- Prepared final environmental documentation for the Federal Highway Administration
- Educated Associate Planners in environmental compliance