

## CURRICULUM VITAE

### **Daniel Ryan Petrolia**

Professor  
Department of Agricultural Economics  
Mississippi State University

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2032 MSU Science & Technology Center  
1021 Balch Blvd  
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### CURRENT MAJOR RESPONSIBILITIES

John P. Laborde Endowed Chair for Sea Grant Research and Technology Transfer and  
Visiting Professor, Louisiana State University (Spring/Summer 2023)  
Co-Editor, *Applied Economic Perspectives & Policy*  
AEC Undergraduate Coordinator  
Principal Investigator on 2 grants and Co-PI on 3 grants totaling ~\$4 million  
Instructor, AEC 2713 (Winter), AEC 3113 (Fall), AEC 8233 (Fall)  
Chair, AEC Promotion & Tenure Committee  
Member, 2023 Environmental/Natural Resource Faculty Search Committee  
Member, AEC Curriculum Committee  
Major Advisor for 2 M.S. students; committee member for 1 Ph.D. & 2 M.S. students  
Technical Track Co-Chair, OCEANS 2023 Gulf Coast Conference

### EDUCATION

Ph.D., University of Minnesota, Agricultural and Applied Economics, May 2005

M.S., Louisiana State University, Agricultural Economics, August 2001

B.A., Louisiana State University, Political Science, May 1999  
*Cum laude, Phi Beta Kappa*

B.S., Louisiana State University, Poultry Science, May 1999  
*Cum laude, College Honors*

Exchange student, M.Sc. Program in International Agricultural Sciences, Humboldt University,  
Berlin, Germany, Summer 2001

### ACADEMIC APPOINTMENTS

Mississippi State University, Department of Agricultural Economics  
Professor, August 2018-present  
Undergraduate Coordinator, 2022-present

Affiliate Faculty, School of Fisheries, Aquaculture, & Aquatic Sciences, Auburn University, Fall 2016-present  
Associate Graduate Faculty, Coastal Sciences, University of Southern Mississippi, Fall 2017-present  
Associate Professor, August 2012-August 2018  
Assistant Professor, August 2006-August 2012

Louisiana State University, Louisiana Sea Grant College Program  
John P. Laborde Endowed Chair for Sea Grant Research and Technology Transfer and Visiting Professor, January-June 2023

University of Minnesota, Department of Applied Economics  
Postdoctoral Research Associate, July 2005-July 2006  
Teaching Assistant, September 2004-June 2005  
USDA National Needs Fellow, August 2001-August 2004

University of Wisconsin-River Falls, Department of Agricultural Economics  
Lecturer, January-December 2003

Louisiana State University, Department of Agricultural Economics & Agribusiness  
Research Assistant, August 1999-August 2001

#### EDITORIAL EXPERIENCE

Co-Editor, *Applied Economic Perspectives & Policy*, Jan. 2018-present

Guest Editor, *Natural Hazards Review*, 2019, 2013

Editorial Board, *Applied Economic Perspectives & Policy*, July 2015-Dec. 2017

Associate Editor, *Environmental and Natural Resource Economics: An Encyclopedia*. 2014. J. Whitehead and T. Haab, eds. Santa Barbara, CA: ABC-CLIO.

#### AWARDS

2022 Fellow, Social Science Research Center, Mississippi State University

2020 Excellence in Teaching Award (Graduate Instruction), College of Agriculture & Life Sciences, Mississippi State University

2017 Outstanding Academic Alumnus Award, Dept. of Agricultural Economics & Agribusiness, Louisiana State University

2016 Research Impact Award, Mississippi Agricultural & Forestry Experiment Station (for article "Wind Insurance and Mitigation in the Coastal Zone" published in *Land Economics*)

2014 *Gamma Sigma Delta* Teaching Award, Mississippi State University

2012 *Gamma Sigma Delta* Research Award of Merit, Mississippi State University

2011 State Pride Award, Mississippi State University

2010 Excellence in Teaching Award (Lower Division), College of Agriculture & Life Sciences,  
Mississippi State University

2010 State Pride Award, Mississippi State University

2007 Ph.D. Dissertation Award in Water Policy & Socioeconomics, Universities Council on  
Water Resources

2004 Policy Article Prize, Center for International Food & Agricultural Policy, Dept. of Applied  
Economics, University of Minnesota

USDA National Needs Fellowship, 2001-2004, Department of Applied Economics, University of  
Minnesota

2001 Outstanding M.S. Student, Dept. of Agricultural Economics & Agribusiness, Louisiana  
State University

MANUSCRIPTS IN REVIEW, WORKING PAPERS, AND RESEARCH IN PROGRESS  
(graduate students and postdoctoral research associates indicated by \*)

Penn, J., D.R. Petrolia, J.M. Fannin. "Hypothetical Bias Mitigation in Representative and  
Convenience Samples." Revise & resubmit.

Hwang, J. and D.R. Petrolia. "Revisiting Opt-Out Responses in Contingent Valuation." Under  
review.

Petrolia, D.R. 2022. "Oyster Landings and Trade Update." Working Paper. [Link](#).

Petrolia, D.R., S. Yun, Z. Chen, F. Enyetornye. "Public preferences for restoration of oyster  
reefs in the Gulf of Mexico region." Research in progress.

Petrolia, D.R., J. Haner, T. Mohrman, B. Okai. "What is the Value of Ecosystem Services  
Provided by Recent Restoration Efforts on the Northern Gulf Coast." Research in progress.

Walton, B., W.C. Walton, T. Bliss, A. Michaelis, L. Sturmer, D. Petrolia. "Know Thy Oysters:  
Evaluating the Effectiveness of Seafood Server Training Programs to Increase Sales of American  
Seafood." Research in progress.

Petrolia, D.R., W.C. Walton, B. Walton. "Assessment of Critical Transportation and Marketing Roadblocks and Opportunities for Gulf Coast Shellfish Aquaculture." Research in progress.

Petrolia, D.R. et al. "Assessment of Off-Bottom Oyster Aquaculture Supply in the Southeastern U.S." Research in progress.

REFEREED AND INVITED JOURNAL ARTICLES (graduate students and postdoctoral research associates indicated by \*)

60. Petrolia, D.R., S. Ishee\*, S. Yun, R. Cummings, and J. Maples. "Do Wind Hazard Mitigation Programs Affect Home Sales Values?" Forthcoming, *Journal of Real Estate Research*, <https://doi.org/10.1080/08965803.2022.2066249>.

59. Petrolia, D.R., W.C. Walton, and J. Cebrian. 2022. "Oyster Economics: Simulated Costs, Market Returns, and Nonmarket Ecosystem Benefits of Harvested and Non-Harvested Reefs, Off-Bottom Aquaculture, and Living Shorelines." *Marine Resource Economics* 37(3): 325-47.

58. Caffey, R.H., D.R. Petrolia, I. Georgiou, M. Miner, H. Wang, and B. Kime. 2022. "The economics of sediment quality on barrier shoreline restoration." *Journal of Environmental Management* 319(October): 115730.

57. Barrett, L.T., S.J. Theuerkauf, J.M. Rose, H.K. Alleway, S.B. Bricker, M. Parker, D.R. Petrolia, and R.C. Jones. 2022. "Sustainable growth of non-fed aquaculture will generate valuable ecosystem benefits." *Ecosystem Services* 53(February): 101396.

56. Adhikari, R., R. Grala, D.R. Petrolia, S. Grado, D. Grebner, and A. Shrestha. 2022. "Landowner Willingness to Accept Monetary Compensation for Managing Forests for Ecosystem Services in the Southern United States." *Forest Science* 68(2): 128-44.

55. Adhikari, R., R. Grala, S. Grado, D. Grebner, D.R. Petrolia. 2022. "Landowner Satisfaction with Conservation Programs in the Southern United States." *Sustainability* 14(9): 5513.

54. Petrolia, D.R., D. Guignet, J.C. Whitehead, C. Kent\*, K. Amon\*, and C. Caulder\*. 2021. "Nonmarket Valuation in the Environmental Protection Agency's Regulatory Process." *Applied Economic Perspectives & Policy* 43(3): 952-69.

53. Landry, C.E., D. Turner, and D.R. Petrolia. 2021. "Flood Insurance Market Penetration and Expectations of Disaster Assistance." *Environmental & Resource Economics* 79: 357-86.

52. Adhikari, R.K., R.K. Grala, D.R. Petrolia, S.C. Grado, D.L. Grebner. 2021. "Landowner concerns related to availability of ecosystem services and environmental issues in the southern United States." *Ecosystem Services* 49(June): 101283.

51. Laird, H.\*, C. Landry, S. Shonkwiler, and D.R. Petrolia. 2021. "Riders on the Storm: Hurricane Risk and Coastal Insurance and Mitigation Decisions." *Journal of Ocean and Coastal Economics* 8(1): Article 3.
50. Dahal, R.P.\*, R.K. Grala, J.S. Gordon, I.A. Munn, and D.R. Petrolia. 2021. "Geospatial Heterogeneity in Monetary Value of Proximity to Waterfront Ecosystem Services in the Gulf of Mexico." *Water* 13(17): 2401.
49. Petrolia, D.R., F. Nyanzu\*, J. Cebrian, A. Harri, J. Amato, and W.C. Walton. 2020. "Eliciting Expert Judgment to Inform Management of Diverse Oyster Resources for Multiple Ecosystem Services." *Journal of Environmental Management* 268(August): 110676.
48. Petrolia, D.R. and J. Hwang\*. 2020. "Accounting for Attribute Non-Attendance in Three Previously Published Choice Studies of Coastal Resources." *Marine Resource Economics* 35(3, July): 219-40.
47. Frimpong, E.\*, D.R. Petrolia, A. Harri, and J.H. Cartwright. 2020. "Flood Insurance and Claims: The Impact of the Community Rating System." *Applied Economic Perspectives & Policy* 42(2): 245-62.
46. Waters, P.J.\*, W.C. Walton, and D.R. Petrolia. 2020. "Participant Motivations for Joining an Extension Program." *Journal of Extension* 58(6): Article 3.
45. Petrolia, D.R., J. Penn, R. Quainoo\*, R.H. Caffey, and J.M. Fannin. 2019. "Know Thy Beach: Values of Beach Condition Information." *Marine Resource Economics* 34(4): 331-59.
44. Waters, P.J.\*, D.R. Petrolia, and W.C. Walton. 2019. "Do Oyster Gardening Programs Lead to Knowledge Changes?" *Journal of the National Association of County Agricultural Agents* 12(2, December): <https://www.nacaa.com/journal/index.php?jid=1003>.
43. Dahal, R.P.\*, R.K. Grala, J.S. Gordon, I.A. Munn, D.R. Petrolia, and R. Cummings. 2019. "A hedonic pricing method to estimate value of waterfront in the Gulf of Mexico." *Urban Forestry & Urban Greening* 41(May): 185-94.
42. Mutandwa, E.\*, R.K. Grala, and D.R. Petrolia. 2019. "Estimates of willingness to accept compensation to manage pine stands for ecosystem services." *Forest Policy and Economics* 102(May): 75-85.
41. Dahal, R.P.\*, R.K. Grala, J.S. Gordon, D.R. Petrolia, and I.A. Munn. 2018. "Estimating the Willingness to Pay to Preserve Waterfront Open Spaces using Contingent Valuation" *Land Use Policy* 78: 614-26.
40. Krah, K.\*, D.R. Petrolia, A. Williams, K.H. Coble, A. Harri, and R. Rejesus. 2018. "Producer Preferences for Contracts on a Risky Bioenergy Crop." *Applied Economic Perspectives & Policy* 40(2): 240-58.

39. Petrolia, D.R., M.G. Interis, and J. Hwang\*. 2018. "Single-Choice, Repeated-Choice, and Best-Worst Scaling Elicitation Formats: Do Results Differ and by How Much?" *Environmental & Resource Economics* 69(2): 365-93.
38. Petrolia, D.R., W.C. Walton, and L. Yehouenou\*. 2017. "Is There a Market for Branded Gulf of Mexico Oysters?" *Journal of Agricultural & Applied Economics* 49(1): 45-65.
37. Kim, T., J. Opaluch, D.S. Moon, and D.R. Petrolia. 2017. "Developing a Natural Resource Damage Assessment Procedure for Oil Spill Pollution in Korea using Habitat Equivalency Analysis." *Marine Pollution Bulletin* 121(1-2): 183-91.
36. Petrolia, D.R. 2016. "Risk Preferences, Risk Perceptions, and Risky Food." *Food Policy* 64: 37-48.
35. Interis, M.G. and D.R. Petrolia. 2016. "Location, Location, Habitat: How the Value of Ecosystem Services Varies Across Location and by Habitat." *Land Economics* 92(2): 292-307.
34. Haab, T.C., M.G. Interis, D.R. Petrolia, and J.C. Whitehead. 2016. "Interesting Questions Worthy of Further Study: Our reply to Desvousges, Mathews and Train's (2015) comment on our thoughts (2013) on Hausman's (2012) update of Diamond and Hausman's (1994) critique of contingent valuation." *Applied Economic Perspectives & Policy* 31(1): 183-9.
33. Petrolia, D.R., A. Collart, and L. Yehouenou\*. 2016 "Consumer Preferences for *Delacata* Catfish: A Choice Experiment with Tasting." *Journal of Food Distribution Research* 47(3): 84-100.
32. Interis, M.G., C. Xu\*, D.R. Petrolia, and K.T. Coatney. 2016. "Examining Unconditional Preference Revelation in Choice Experiments: A Voting Game Approach." *Journal of Environmental Economics & Policy* 5(1): 125-42.
31. Petrolia, D.R. J. Hwang\*, C.E. Landry, and K.H. Coble. 2015. "Wind Insurance and Mitigation in the Coastal Zone." *Land Economics* 91(2): 272-95. (Recipient of 2016 MAFES Research Impact Award)
30. Petrolia, D.R. 2015. "What Have We Learned from the *Deepwater Horizon* Disaster? An Economist's Perspective." *Journal of Ocean & Coastal Economics* 2014(1): Article 1. (Invited)
29. Sun, C., J.C. Mingie\*, D.R. Petrolia, and W.D. Jones. 2015. "Economic impacts of nonresidential wildlife watching in the United States." *Forest Science* 61(1): 46-54.
28. Petrolia, D.R., M.G. Interis, J. Hwang\*. 2014. "America's Wetland? A National Survey of Willingness to Pay for Restoration of Louisiana's Coastal Wetlands." *Marine Resource Economics* 29(1): 17-37.
27. Caffey, R.H., H. Wang\*, and D.R. Petrolia. 2014. "Trajectory Economics: Assessing the Flow of Ecosystem Services from Coastal Restoration." *Ecological Economics* 100: 74-84.

26. Hwang, J.\*, D.R. Petrolia, and M.G. Interis. 2014. "Consequentiality and Opt-Out Responses in Stated Preference Surveys." *Agricultural & Resource Economics Review* 43(3): 471-88.
25. Interis, M.G. and D.R. Petrolia. 2014. "The Effects of Consequentiality in Binary- and Multinomial-Choice Surveys." *Journal of Agricultural & Resource Economics* 39(2): 1-16.
24. Petrolia, D.R., C.E. Landry, and K.H. Coble. 2013. "Risk Preferences, Risk Perceptions, and Flood Insurance." *Land Economics* 89(2): 227-45.
23. Haab, T.C., M.G. Interis, D.R. Petrolia, and J.C. Whitehead. 2013. "From Hopeless to Curious? Comments on Hausman's "Dubious to Hopeless" Critique of Contingent Valuation." *Applied Economic Perspectives & Policy* 35(4): 593-612.
22. Petrolia, D.R. and M.D. Hudson. 2013. "Why is the *Journal of Agricultural & Applied Economics* Not in the Major Citation Indices and Does it Really Matter?" *Journal of Agricultural & Applied Economics* 45(3): 381-8. (Invited paper at the 2013 Southern Agricultural Economics Association Annual Meeting)
21. Kim, T.\* and D.R. Petrolia. 2013. "Public Perceptions of Wetland Restoration Benefits in Louisiana." *ICES Journal of Marine Science* 70(5): 1045-54.
20. Kim, G.\*, D.R. Petrolia, and M.G. Interis. 2012. "A Method for Improving Welfare Estimates from Multiple-Referendum Surveys." *Journal of Agricultural and Resource Economics* 37(2): 1-13.
19. Petrolia, D.R. and T. Kim\*. 2011. "Contingent Valuation with Heterogeneous Reasons for Uncertainty." *Resource and Energy Economics* 33(3): 515-26.
18. Petrolia, D.R. and M.G. Interis. 2011. "What Environmental Economists Think Every Conservation Biologist Should Know: A Reply to Gowdy et al." *Conservation Biology* 25(3): 625-30.
17. Petrolia, D. R. and T. Kim\*. 2011. "Preventing Land Loss in Coastal Louisiana: Estimates of WTP and WTA." *Journal of Environmental Management* 92(3): 859-65.
16. Petrolia, D.R., S. Bhattacharjee\*, and T.R. Hanson. 2011. "Heterogeneous Evacuation Responses to Storm Forecast Attributes." *Natural Hazards Review* 12(3): 117-24.
15. Petrolia, D.R., R.G. Moore\*, and T. Kim\*. 2011. "Preferences for Timing of Wetland Loss Prevention in Louisiana." *Wetlands* 31(2): 295-307.
14. Linton, J.L.\*, J.C. Miller, R.D. Little, D.R. Petrolia, and K.C. Coble. 2011. "Economic feasibility of producing sweet sorghum as an ethanol feedstock in the southeastern United States." *Biomass & Bioenergy* 35(7): 3050-7.

13. Gowda, P.H., J.V. Westra, D.R. Petrolia, B.J. Dalzell, D.J. Mulla. 2011. "Impact of Targeted Removal of Residue Cover on Water Quality in the Sand Creek Watershed." *Journal of Environmental Hydrology* 19, Paper 25.
12. Petrolia, D.R., S. Bhattacharjee\*, M.D. Hudson, and C.W. Herndon. 2010. "Do Americans Want Ethanol? A Comparative Contingent Valuation Study of Willingness-to-Pay for E-10 and E-85." *Energy Economics* 32(1): 121-8.
11. Petrolia, D.R. and S. Bhattacharjee\*. 2010. "Why Don't Coastal Residents Choose to Evacuate for Hurricanes?" *Coastal Management* 38(2): 97-112.
10. Ekşioğlu, S.D., S. Li, S. Zhang, S. Sokhansanj, and D.R. Petrolia. 2010. "Analyzing the Impact of Intermodal Facilities to the Design and Management of Biofuels Supply Chain." *Transportation Research Record: Journal of the Transportation Research Board* 2191: 144-51.
9. Petrolia, D.R. and T. Kim\*. 2009. "What are Barrier Islands Worth? Estimates of Willingness to Pay for Restoration." *Marine Resource Economics* 24(2): 131-46.
8. Petrolia, D.R. and S. Bhattacharjee\*. 2009. "Revisiting Incentive Effects: Evidence from a Random-Sample Mail Survey on Consumer Preferences for Fuel Ethanol." *Public Opinion Quarterly* 73(3): 537-50.
7. Petrolia, D.R. 2008. "An Analysis of the Relationship between Demand for Corn Stover as an Ethanol Feedstock and Soil Erosion." *Review of Agricultural Economics* 30(4): 677-91.
6. Petrolia, D.R. 2008. "The Economics of Harvesting and Transporting Corn Stover for Conversion to Fuel Ethanol: A Case Study for Minnesota." *Biomass & Bioenergy* 32(7): 603-12.
5. Petrolia, D.R. and G.A. Ibendahl. 2008. "Conservation Programs: Will Grain Production Reclaim Acres in the South?" *Journal of Agricultural and Applied Economics* 40(2): 559-72. (Invited paper at the 2008 Southern Agricultural Economics Association Annual Meeting)
4. Petrolia, D.R. and P.H. Gowda. 2006. "Missing the Boat: Midwest Farm Drainage and Gulf of Mexico Hypoxia." *Review of Agricultural Economics* 28(2): 240-53.
3. Petrolia, D.R. and P.H. Gowda. 2006. "An Analysis of the Role of Tile-Drained Farmland under Alternative Nitrogen Abatement Policies." *Journal of Agricultural and Resource Economics* 31(3): 580-94.
2. Petrolia, D.R. 2003. "Strategic Behaviour between Countries in a Two-Period Uncertain Monopoly." *Journal of World Intellectual Property* 6(5): 733-43.
1. Petrolia, D.R. and P.L. Kennedy. 2003. "Increasing the U.S. Tariff-Rate Sugar Quota for Cuba and Mexico: A Partial Equilibrium Simulation." *Journal of Agricultural and Applied Economics* 35(3): 589-97.



### BOOK CHAPTERS

Petrolia, D.R. 2014. "Biofuels" in *Environmental and Natural Resource Economics: An Encyclopedia*, J. Whitehead and T. Haab, eds. Santa Barbara, CA: ABC-CLIO.

Petrolia, D.R. 2014. "Ronald Coase" in *Environmental and Natural Resource Economics: An Encyclopedia*, J. Whitehead and T. Haab, eds. Santa Barbara, CA: ABC-CLIO.

Kennedy, P.L. and D.R. Petrolia. 2001. "Disputes in Sugar and Agricultural-Based Sweeteners," in *Trade Liberalization Under NAFTA -- Report Card on Agriculture*, edited by R.M.A. Loyns, R.D. Knutson, and K. Meilke. Winnipeg, Manitoba: Univ. of Manitoba.

### BOOK REVIEWS

Petrolia, D.R. 2012. Review of *The International Handbook on Non-Market Environmental Valuation*, by Jeff Bennett, ed., Cheltenham UK: Edward Elgar, 2011, 398 pp. *American Journal of Agricultural Economics* 94: 271-3.

### OTHER PUBLICATIONS

Petrolia, D.R. and W.C. Walton. 2018. "Hurricanes and water wars threaten the Gulf Coast's new high-end oyster industry." *The Conversation*, November 6.

Walton, W.C. and D.R. Petrolia. 2014. "Oyster Renaissance: Branding Premium Gulf Oysters," in *Auburn Speaks: On Food Systems*. Auburn, AL: Auburn University.

Petrolia, D.R. and M.G. Interis. 2013. "Should we be using repeated-choice surveys to value public goods?" Association of Environmental & Resource Economists Newsletter, November.

Anderson, J.D., D.R. Petrolia, and J.M. Riley. 2009. Revising Ethanol Blend Limits: A Discussion of Key Issues and Implications for Corn Prices. Livestock Marketing Information Center, Analysis and Comments, Letter No. 12, March 20.

Eidman, V.R., D.R. Petrolia, L. Pham, H. Huang, and S. Ramaswamy. 2009. "The Economic Feasibility of Producing Ethanol from Corn Stover and Hardwood in Minnesota," Staff Paper Series P09-3, Dept. of Applied Economics, University of Minnesota, January.

Petrolia, D.R. 2006. "The Economics of Harvesting and Transporting Hardwood Forest Residue for Conversion to Fuel Ethanol: A Case Study for Minnesota," Staff Paper Series P06-15, Dept. of Applied Economics, University of Minnesota, December.

Petrolia, D.R. 2006. "The Economics of Harvesting and Transporting Corn Stover for Conversion to Fuel Ethanol: A Case Study for Minnesota," Staff Paper Series P06-12, Dept. of Applied Economics, University of Minnesota, August.

Petrolia, D.R. 2006. "A Brief Agrarian History of the Cottonwood River Watershed in Southwestern Minnesota," Staff Paper Series P06-1, Dept. of Applied Economics, University of Minnesota, January.

Petrolia, D.R., P.H. Gowda, and D.J. Mulla. 2005. "Targeting Agricultural Drainage to Reduce Nitrogen Losses in a Minnesota Watershed," Staff Paper Series P05-2, Dept. of Applied Economics, University of Minnesota, January.

#### RESEARCH GRANTS & CONTRACTS (TOTAL: \$11,251,084)

##### *In Progress*

Co-Investigator, with W. Wu (PI), P. Biber, S. Deal, M. Posten, D. McGrury, and J. Holifield. "Mitigating flood risks on the Mississippi Gulf Coast using multi-scale nature-based solutions." The Gulf Research Program of the National Academies of Sciences, Engineering, and Medicine. October 15, 2022 – May 15, 2023, \$100,000.

Principal Investigator, with J. Haner (Co-PI) and T. Mohrman (Co-PI). "What is the Value of Ecosystem Services Provided by Recent Restoration Efforts on the Northern Gulf Coast?" Mississippi-Alabama Sea Grant Consortium. February 1, 2022 – January 31, 2024, \$224,945.

Co-Principal Investigator, with B. Walton (PI), T. Bliss, A. Michaelis, L. Sturmer, and W.C. Walton. "Know Thy Oysters: Evaluating the Effectiveness of Seafood Server Training Programs to Increase Sales of American Seafood." NOAA Fisheries Saltonstall-Kennedy Program. September 1, 2021 – August 31, 2023, \$299,413.

Principal Investigator, with W.C. Walton and B. Walton. "Assessment of Critical Transportation and Marketing Roadblocks and Opportunities for Gulf Coast Shellfish Aquaculture." USDA Agricultural Marketing Service. May 10, 2021 – June 30, 2023, \$151,071.

Co-Investigator, with J. Lehrter (PI), R. Baker, J. Cebrian, B. Dzwonkowski, L. Kalin, L. Lowe, S. Powers, D. Tian, S. Yun. "Building Resilience for Oysters, Blue Crabs, and Spotted Seatrout to Environmental Trends and Variability in the Gulf of Mexico." NOAA RESTORE Science Program. September 1, 2019 – August 31, 2024, \$2,887,250.

Co-Principal Investigator, with S. Yun (PI), M. Interis, S. Rush, E. Yu, C. Hellwinckel. "Sustainable Bioenergy Production and Integrated Valuation of Ecosystem Services." USDA NIFA-AFRI. January 1, 2019 – December 31, 2021, \$468,998.

##### *Completed*

Co-Principal Investigator, with G. Rico-Mendez (PI), T. Tolar-Peterson, S. Gardner, M. Read-Wahidi, G.W. Davis, and B. Farrell. "Complexity-Aware Research and Learning of the McGovern Dole School Meals Program in Africa." USDA-FAS/USAID Global Programs, Research on School Meals Projects in Africa. March 31, 2021 – May 31, 2022, \$618,945.

Principal Investigator, with A. Harri, W.C. Walton, J. Cebrian, J. Rider, and G. Ramseur. "SPAT: Shellfish Portfolio Assessment Tool." NOAA RESTORE Science Program. June 1, 2017 – May 31, 2021, \$590,143.

Principal Investigator. “Return on Investment from Wind Hazard Mitigation.” Mississippi-Alabama Sea Grant Consortium. February 1, 2018 – January 31, 2021, \$194,976.

Co-Principal Investigator, with R.H. Caffey (PI), I. Georgiou, and M. Miner. “Economic and Geomorphic Comparison of OCS Sand vs. Nearshore Sand for Coastal Restoration Projects.” Bureau of Ocean Energy Management – LSU Coastal Marine Institute Cooperative Agreement. June 1, 2015 – August 31, 2018, \$854,550.

Investigator, with P. Biber (PI). “Coastal Management and Resilience.” Working Group, Mississippi Research Consortium. March 1, 2016 – February 28, 2017, \$8,000.

Principal Investigator, with J. Cartwright. “Linking Community Rating System Activities to Economic and Environmental Characteristics: Toward a Measure of Flood Resilience.” Mississippi-Alabama Sea Grant Consortium. December 1, 2014 – November 30, 2016, \$194,365.

Principal Investigator, with J. Hwang, K.W. Hood, and A. Collart. “Identifying New Market Opportunities for U.S. Catfish.” Strategic Research Initiative, Mississippi Agricultural & Forestry Experiment Station, Mississippi State University. January 1, 2014 – June 30, 2015, \$49,400.

Principal Investigator/Mentor. 2014-2015 Undergraduate Research Scholars Program, College of Agriculture & Life Sciences, Mississippi State University, \$5,000.

Principal Investigator, with K.W. Hood and L. Falconer. “Economics, Marketing, and Policy Impacts on Catfish Production.” USDA-ARS Special Cooperative Agreement. September 15, 2013 – September 14, 2014, \$41,138.

Co-Principal Investigator, with R.H. Caffey (PI) and J.M. Fannin. “The Economic Benefits of the Gulf of Mexico Coastal Ocean Observing System (GCOOS).” Bureau of Ocean Energy Management – LSU Coastal Marine Institute Cooperative Agreement. August 17, 2013 – February 15, 2018, \$676,646.

Recipient. 2013-2014 Southeastern Conference (SEC) Travel Grant. \$2,500.

Co-Principal Investigator, with K.H. Coble (PI). “Policies to Develop Perennial Grass-based Advanced Biofuel Supply Chains in the Southeast U.S.” USDA NIFA-AFRI. September 15, 2012 - June 30, 2016, \$273,000.

Principal Investigator, with W.C. Walton. “A National Survey of Consumer Preferences for Branded Gulf Oysters and Risk Perceptions of Gulf Seafood”. Mississippi-Alabama Sea Grant Consortium. February 1, 2012 - July 31, 2014, \$225,508.

Co-Principal Investigator, with M.G. Interis, R.H. Caffey, R.F. Kazmierczak, W.R. Keithly, and I.A. Mendelssohn. “Integrating Revealed and Stated Preference Approaches for Ecosystem

Service Valuation”. Gulf of Mexico Regional Sea Grant Programs. February 1, 2012 - January 31, 2014, \$839,534.

Principal Investigator, with K.H. Coble, M.G. Interis, and C.E. Landry. “Toward an Understanding of Gulf Coast Resident Preferences and Perceptions on Risk and Restoration.” NOAA - Northern Gulf Institute. October 1, 2009 – September 30, 2011, \$446,500.

Co-Principal Investigator, with R.K. Grala, I.A. Munn, D.L. Grebner, S.C. Grado, A. Hussain, and K.M. Hunt. “Improving profitability and sustainability of forest land ownership through incorporation of ecosystem services.” USFWS – Forest & Wildlife Research Center, Mississippi State University. October 1, 2009 – September 30, 2011, \$78,849.

Co-Principal Investigator, with C. Sun, W.D. Jones, and X. Liao. “Transforming the potential value of recreational use to economic gains for natural resources economic enterprises.” USFWS – Forest & Wildlife Research Center, Mississippi State University. October 1, 2009 – September 30, 2011, \$80,102.

Co-Principal Investigator, with S. Eksioglu (PI). “Analyzing the Impact of Intermodal Facilities to the Design of Supply Chains for Biorefineries.” USDOT - National Center for Intermodal Transportation. May 16, 2008 – May 15, 2009, \$76,327.

Co-Principal Investigator, with R.H. Caffey (PI). “Economic Assessment of Rapid Land-Building Technologies for Coastal Restoration.” Coastal Restoration and Enhancement through Science and Technology, Louisiana Universities Marine Consortium. July 1, 2007 - June 30, 2009, \$93,924.

Co-Principal Investigator, with G. Ibendahl and W.C. Herndon. “An Accounting Tradeoff between WRP and Government Payments”, USFWS – Forest & Wildlife Research Center, Mississippi State University. July 1, 2007 – June 30, 2008, \$30,000.

Principal Investigator, with T. Kim, S. Bhattacharjee, K.H. Coble, G. Evans, and T.R. Hanson. “Developing a Foundation for Analysis of Natural and Human-Induced Disturbances to Coastal Economies,” NOAA - Northern Gulf Institute. February 1, 2007 – August 31, 2010, \$910,000.

Investigator, with K.H. Coble (PI). “Economic and Policy Analysis for Renewable and Sustainable Energy,” USDOE - Sustainable Energy Research Center, Mississippi State University. June 1, 2006 – December 1, 2008, \$830,000.

## TEACHING

### Mississippi State University (\* Embedded Honors Section)

*AEC 2713: Introduction to Food and Resource Economics*

Taught: Winter 2022, Winter 2021, Fall 2011\*, Fall 2010\*, Fall 2009\*, Spring 2009\*, Spring 2008, Spring 2007

*AEC 3113: Introduction to Quantitative Economics*

Taught : Fall 2022

*AEC 3233: Introduction to Environmental Economics & Policy*  
Taught: Spring 2014\*, Spring 2009\*, Spring 2008\*, Spring 2007

*AEC 4000/7000: Nonmarket Valuation (Directed Individual Study)*  
Taught: Fall 2014, Summer 2013

*AEC 4233/6233: Environmental Economics*  
Taught: Fall 2010, Fall 2009, Fall 2008

*AEC 6713: Quantitative Economics*  
Taught: Fall 2019, Fall 2018, Fall 2017, Fall 2016, Fall 2015, Fall 2014, Fall 2012, Fall 2011

*AEC 8233: Welfare and Environmental Economics*  
Taught: Fall 2022, Fall 2021, Fall 2020, Fall 2019, Fall 2018, Fall 2017, Fall 2016, Spring 2015, Spring 2014, Spring 2013

*AEC/PSS 8990: Natural Resource Management*  
Co-taught with D. Hudson and W. Kingery: Spring 2007

*HON 4000: Welfare and Environmental Economics (Honors Directed Individual Study)*  
Taught: Fall 2021

University of Wisconsin-River Falls

*AGEC 230: Agricultural Economics I*  
Taught: Fall 2003, Spring 2003

University of Minnesota

*APEC 1101: Principles of Microeconomics*  
Teaching Assistant to Don Liu: Fall 2004

*APEC 3002: Applied Microeconomics: Managerial Economics*  
Teaching Assistant to Jeff Apland: Spring 2005

GRADUATE STUDENTS ADVISED (PLACEMENT)

*Major Advisor*

Freedom Enyetornye, M.S., expected August 2023

Barbara Okai, M.S., expected August 2023

Kelvin Amon, M.S., August 2021. Thesis: *Community learning for flood mitigation: using Community Rating System (CRS) scores as an indicator.* (Ph.D. program, University of Florida)

Shea Gould, M.S., August 2020. Thesis: *The Effect of FORTIFIED Home Designation on Resale Value.* (American Cotton Shippers Association, Memphis, TN)

Frederick Nyanzu, M.S., August 2019. Thesis: *Optimal portfolio design to manage*

*oyster resources.* (Ph.D. program, University of Illinois)

Ruth Quainoo, M.S., August 2018. Thesis: *Mitigating hypothetical bias: an application to willingness to pay for beach conditions information.* (Ph.D. program, East Carolina University)

Eugene Frimpong, M.S., August 2016. Thesis: *Community-Level Flood Mitigation Effects on Household-level Flood Insurance and Damage Claims.* (Ph.D. program, East Carolina University)

Kwabena Krah, M.S., August 2015. Thesis: *Producer preferences for contracts on a risky bioenergy crop.* (Ph.D. program, University of Illinois)

Sarah Acquah, M.S., August 2014. Thesis: *Effect of branding Gulf oysters on consumer's willingness to pay.* (Ph.D. program, New Mexico State University)

Joonghyun Hwang, M.S., August 2013. Thesis: *What to do with "prefer not to vote" responses from stated preference surveys?* (Chief Economist, Florida Fish & Wildlife Commission / Ph.D. program, University of Florida)

Jihyun Lee, M.S., May 2012. Thesis: *Risk perceptions, risk preferences, risk ambiguity, and flood insurance.*

GwanSeon Kim, M.S., August 2011. Thesis: *Improving value estimates for restoration of Mississippi's Barrier Islands.* (Ph.D. program, University of Kentucky)

Ross G. Moore, M.S., May 2010. Thesis: *Examining preferences for prevention of Louisiana's wetland loss.* (USDA Farm Service Agency, Selmer, TN)

#### *Committee Member*

Jessica Browne, M.S., expected May 2023

Mphatso Chinsinga, M.S., expected May 2023

Ruth Quainoo, Ph.D., Coastal Resources Mgmt. (East Carolina University), expected Dec. 2022

Shelby Brewer, M.S., August 2022

Eugene Frimpong, Ph.D., Coastal Resources Mgmt. (East Carolina University), August 2020

Ben Bradley, M.S., August 2020

Ram Adhikari, Ph.D., Forest Resources, May 2020

Sarah Hensey, M.S., Fisheries (Auburn University), May 2020

Phillip Waters, Ph.D., Fisheries (Auburn University), May 2020

Caroline Kelsoe, M.S., August 2019

Tyler Hardy, M.S., Coastal Sciences (University of Southern Mississippi), August 2018

Ram Dahal, Ph.D., Forest Resources, December 2017

Cody Plummer, M.S., (LSU), August 2017

Edward Mutandwa, Ph.D., Forest Resources, December 2015

Chang Xu, M.S., August 2013

Emily Courtney, M.A.B.M., December 2011

James Mingie, M.S., Forest Resources, August 2011

Ambarish Acharya, Ph.D., Industrial Engineering, December 2010

Joseph Linton, M.S., December 2010

Hualu Zheng, M.S., August 2009

#### UNDERGRADUATE AND OTHER RESEARCH MENTORING

Mentor for H. Wright, CALS/MAFES Undergraduate Research Scholars Program, 2014-2015

Mentor for M. Crabtree, Shackouls Honors College Undergraduate Research Program, Summer 2010

Mentor for Sarah Acquah (2013), Joonghyun Hwang (2012), and Jihyun Lee (2011), Northern Gulf Institute Diversity Internship Program (M.S. students)

#### POSTDOCTORAL ASSOCIATES SUPERVISED

Zhenshan Chen, 8/21-7/22

Michael K. Hidrue, 9/10 – 9/11

Tae-Goun Kim, 12/07 – 12/09

Guyslain K. Ngeleza, 11/07 – 9/08

Sanjoy Bhattacharjee, 10/06 – 9/09

#### PROFESSIONAL SERVICE

##### *Agricultural & Applied Economics Association (AAEA)*

Member, 1999-present

Editor, *Applied Economic Perspectives & Policy*, 2018-2022

Publications Committee, 2018-2022

Master's Thesis Award Subcommittee, 2013-2016

Land, Water, and Environmental Economics (ENV) Section

Member, 2014-present

Chair-Elect, 2016-2017; Chair, 2017-2018; Past-Chair, 2018-2019

Nominating Committee, 2014

##### *Southern Agricultural Economics Association (SAEA)*

Member, 1999-present

Director, 2012-2015

Selected Papers Committee, 2012-2015 (Chair, 2014-2015)

Dissertation Award Committee, 2009-2012 (Chair, 2011-2012)

##### *Association of Environmental & Resource Economists (AERE)*

Member, 2007-present

Nominating Committee, 2021

AERE-SEA Program Committee, 2018-2020

*Southern Economic Association (SEA)*, Member, 2010-2020

*American Economic Association (AEA)*, Member, 2016-2018

External Reviewer for Promotion & Tenure Applications at Other Universities (2023, 2022 (2), 2021, 2017, 2016 (2))

Member, External Review Committee Evaluating the Economics (BA), Economics (BS), and Quantitative Economics and Econometrics (MS) Programs in the Department of Economics at East Carolina University, Fall 2022.

USDA Multistate Research Project W-5133 (4133/3133/2133): Economic Valuation and Management of Natural Resources on Public and Private Lands

Member, 2011-present

President, 2014-2015; Vice-President, 2013-2014; Secretary, 2012-2013

Alabama-Mississippi Bays & Bayous Symposium

Member, Steering Committee, 2022

Co-Chair, Programming Committee, 2020

Technical Track Co-Chair, Nearshore and Offshore Aquaculture, OCEANS 2023 Gulf Coast Conference, Biloxi, MS

Panelist, Public Meeting of the Committee on Progress toward Human Health and Community Resilience in the Gulf of Mexico Region, The Gulf Research Program of the National Academies of Sciences, Engineering, and Medicine, New Orleans, June 2, 2022

Participant, U.S. Socioeconomic Impacts of Harmful Algal Blooms Workshop (virtual), July 27-August 5, 2020

Gulf of Mexico Offshore Sand Management Working Group, 2015-2018

Center for Natural Resource Economics & Policy, Louisiana State University,

Affiliate Member, 2008-present

Program Committee, 6<sup>th</sup> National Forum on Socioeconomic Research in Coastal Systems, 2018-2019

USDA Information Exchange Group *SERA-30: Southern Natural Resource Economics Committee*, Participant, 2007-11

Participant, *Meeting of the Minds on Flood Insurance*, The Wharton School Center for Risk Management and Decision Processes, University of Pennsylvania, July 29-30, 2013

Manuscript reviewer (in order of most recent):

*Applied Economic Perspectives & Policy* (2022-2011, 2008, 2006)

*Journal of Environmental Economics & Management* (2022-2020, 2016, 2013)

*Journal of Ocean & Coastal Economics* (2022, 2016)

*Marine Resource Economics* (2022-2018, 2014)

*Aquaculture Economics & Management* (2021)

*Food Policy* (2021, 2017)

*Resource & Energy Economics* (2021, 2018-2017)

*Water Resources and Economics* (2021-2020)

*Conservation Science and Practice* (2020)

*Journal of Environmental Management* (2020, 2010, 2007)

*Land Economics* (2020-2018)

*American Journal of Agricultural Economics* (2019-2017, 2012)



*Journal of Agricultural & Applied Economics* (2019, 2017-2016, 2014-2013, 2011, 2009)  
*Journal of Agricultural & Resource Economics* (2019-2017)  
*Risk Analysis* (2019)  
*Southern Economic Journal* (2019-2018)  
*Journal of Food Distribution Research* (2018)  
*Ecological Economics* (2017-2016)  
*Economics Bulletin* (2017-2016)  
*Economics of Disasters & Climate Change* (2017)  
*Environmental Economics & Policy Studies* (2017)  
*Journal of Benefit-Cost Analysis* (2017)  
*Journal of Policy Analysis & Management* (2017)  
*Journal of Shellfish Research* (2017)  
*Biomass & Bioenergy* (2016)  
*Environmental & Resource Economics* (2016-2013)  
*Global Environmental Change* (2016)  
*Journal of the American Water Resources Association* (2016-2015)  
*Natural Hazards* (2016)  
*Weather, Climate, and Society* (2016)  
*Journal of Risk & Insurance* (2015-2014)  
*Nature Climate Change* (2015)  
*Agricultural & Resource Economics Review* (2014-2013)  
*Energy Economics* (2014-2013)  
*Energy Policy* (2014)  
*Journal of Agricultural Extension & Rural Development* (2014)  
*Journal of Environmental Economics & Policy* (2014)  
*Natural Hazards Review* (2013, 2009)  
*Agriculture* (2012)  
*Environmental Management* (2012-2011)  
*Lake and Reservoir Management* (2012-2011)  
*Public Opinion Quarterly* (2012, 2010-2009)  
*Transportation Research Part A: Policy and Practice* (2011)  
*Agricultural History* (2010)  
*Coastal Management Journal* (2010)  
*Conservation Biology* (2010)  
*Field Methods* (2010)  
*Wetlands* (2010)  
*Environmental Science & Technology* (2009)  
*Ocean & Coastal Management* (2008)  
*Energy Journal* (2007)  
*Agricultural & Food Science* (2006)

Technical Review Panelist, Alabama Center of Excellence Grant Program (2021), Louisiana Sea Grant College Program (2021, 2014), NOAA Ecological Effects of Sea-Level Rise Program (2019), USDA-NIFA Aquaculture Research Program (2017), Georgia Sea Grant College Program (2015), Alabama Agricultural Experiment Station Hatch and Multistate

Grant Competition (2013, 2012), NIFA Biomass Research & Development Initiative (2011)

Grant Proposal Reviewer, National Science Foundation - Decision, Risk, and Management Sciences (2020), Louisiana Sea Grant College Program (2019), Rhode Island Sea Grant Program (2016), NOAA Fisheries Saltonstall-Kennedy Grant Program (2015), North Carolina Sea Grant College Program (2015), Minnesota Agricultural Experiment Station (2014), Texas Sea Grant Program (2011), Mississippi-Alabama Sea Grant Consortium (2008), University of California Pierce's Disease Research Program (2008), USDA Program of Research on the Economics of Invasive Species Management (2008)

Reviewer, Global FAO study on the economics of coastal ecosystem restoration (2021)

### UNIVERSITY SERVICE

Department of Agricultural Economics, Mississippi State University

Undergraduate Coordinator, Fall 2022-present

Promotion & Tenure Committee

Chair, Fall 2021-present

Member, Fall 2012-present

Curriculum Committee

Chair, Fall 2012-Spring 2013

Member, Fall 2009-Spring 2013, Fall 2022-present

Awards Committee

Chair, Fall 2021-Fall 2022

Member, Fall 2006-2016, Fall 2021-Fall 2022

Seminar Committee

Chair, Fall 2018-Summer 2019

Fall 2016-Summer 2019

Department Head Search Committee, 2022

Faculty Search Committees, 2023, 2017-18 (Co-Chair), 2016-17 (Co-Chair), 2011 (Chair), 2009 (2), 2008, 2007

Departmental Self-Assessment Committee, Fall 2016

Recruiting Committee (Chair), Fall 2012

Long-Term Planning Committee, 2011

Social Science Research Center, Mississippi State University

Director Search Committee, 2021-2022

Delta Research & Extension Center, Mississippi State University

Faculty Search Committee, 2017-2018

MAFES Strategic Research Initiative, Research Excellence Committee, 2015-2019

2017 SEC Academic Conference, Organizing Committee, 2016-2017

*Phi Beta Kappa* Application Committee, 2016, 2013

School of Human Sciences, Mississippi State Univ., Promotion & Tenure Committee, Fall 2014

MSU Faculty Roundtable, April 4, 2014

Moderator/Observer, 2012 Economy Watch Forum, MSU College of Business

MSU Faculty Leadership Program, Class of 2010-2011

### CONSULTING

Conservation Strategy Fund (Washington, DC), 2022-2023

The Nature Conservancy (Vanceleave, MS), 2021-2022

The Nature Conservancy (Baton Rouge, LA), 2018

BioAbility, LLC (Research Triangle Park, NC), 2006

### INVITED PRESENTATIONS, LECTURES, AND SEMINARS

"Oyster Economics & AOC." 203rd Marine Extension Program Quarterly Meeting, Louisiana Sea Grant College Program, Baton Rouge, LA, December 13, 2022.

"Oyster consumers: preferences and perceptions." 2021 Gulf Coast Grown Online Oyster Course, Session 4: Harvesting a Crop of Oysters. University of Florida IFAS Shellfish Extension, <https://oyster-culture.teachable.com/p/online-oyster-course/>.

"Disasters and Disruptions." Panel, 2020 Bays and Bayous Symposium (Virtual), December 1, 2020.

"Return on Investment from Wind Hazard Mitigation." Coastal Hazard Outreach Strategy Team (C-HOST) Workshop (Virtual), October 22, 2020.

"Benefits and Costs of FORTIFIED Homes." Alabama Association of Floodplain Managers 13th Annual Fall Conference, Gulf Shores, AL, October 19-21, 2020.

"Thinking About Oyster Resources as a Portfolio of Ecosystem Services." NOAA RESTORE Science Webinar (Virtual), June 25, 2020.

"A Look at the Use of Nonmarket Valuation in Federal Rulemaking." Energy and Environmental Economics and Policy Seminar, Penn State University, January 29, 2020.

"SPAT: Shellfish Portfolio Assessment Tool." Gulf of Mexico Alliance All-Hands Meeting, Gulf Shores, AL, June 13, 2019.

“GCOOS Valuation Update.” Gulf of Mexico Coastal Ocean Observing System Outreach & Education Council & Products & Services Advisory Council Meeting, Biloxi, MS, November 2, 2018.

"An Overview of Some Coastal Resource Economics Research on the Gulf Coast". Department of Economics, East Carolina University, October 23, 2018.

"Mitigating Hypothetical Bias: A Test of Something Old and Something New". 2018 Appalachian Experimental & Environmental Economics Workshop, Department of Economics, Appalachian State University, Blowing Rock, NC, April 27-28, 2018.

“Is the Community Rating System Working in Alabama and Mississippi?” Coastal Alabama Hazards Summit: Preparing for Flood & Wind Hazards, Spanish Fort, AL, January 19, 2018.

“Ecosystem Service Valuation: Examples for the Gulf Coast.” Mississippi Coastal Ecosystems Services Workshop: Using Remote Sensing to Quantify Ecosystem Services for Improved Coastal Decision Making, Grand Bay NERR, Moss Point, MS, January 18, 2018.

“Benefit-Cost Analysis of Using OCS versus Nearshore Sand for Coastal Restoration.” Gulf of Mexico Offshore Sand Management Working Group, New Orleans, December 7, 2017.

“GCOOS Valuation Update.” Integrated Ocean Observation System Advisory Committee Meeting, Ocean Springs, MS, October 25, 2017

“The Community Rating System, NFIP Policy Uptake, and Flood Claims.” Alabama Association of Floodplain Managers 2017 Fall Conference, Orange Beach, AL, September 27, 2017.

“The Community Rating System, NFIP Participation, and Flood Damage Claims.” The ABCs of Flood Mitigation Workshop, Mississippi-Alabama Sea Grant Consortium, Biloxi, MS, August 11, 2017.

“Economic and Geomorphic Comparison of OCS Sand vs. Nearshore Sand for Coastal Restoration Projects.” Gulf of Mexico Offshore Sand Management Working Group, New Orleans, December 15, 2016.

“Update on GCOOS Valuation Project.” Gulf of Mexico Coastal Ocean Observation System Advisory Committee Meeting, Houston, TX, September 22, 2016

“An Economic Comparison of OCS Sand vs. Nearshore Sand for Coastal Restoration.” Disaster Preparedness and Management Working Group, Department of Industrial & Systems Engineering, Mississippi State University, March 11, 2016.

“Economic and Geomorphic Comparison of OCS Sand vs. Nearshore Sand for Coastal Restoration Projects.” BOEM Marine Minerals Program Science Exchange, New Orleans, December 2, 2015.

“Risk on the Half-shell.” Departmental Seminar, Economics and Finance Department, University of Wyoming, March 27, 2015.

“Wind Insurance and Mitigation in the Coastal Zone.” Departmental Seminar, Department of Agricultural Economics & Agribusiness, Louisiana State University, June 6, 2014.

“Branding Gulf Oysters.” Invited seminar, 170<sup>th</sup> Louisiana Marine Extension Project Quarterly Meeting, Grand Isle, LA, June 3, 2014.

“Single-Choice, Repeated-Choice, and Best-Worst Elicitation Formats: Do Results Differ and by How Much?” Departmental Seminar, Department of Agricultural Economics & Agribusiness, Louisiana State University, May 28, 2014.

“Risk Preferences, Risk Perceptions, and Flood Insurance Along the Gulf Coast.” *Meeting of the Minds on Flood Insurance*, The Wharton School, Center for Risk Management and Decision Processes, University of Pennsylvania, July 29, 2013.

“A Few Lessons from Economics”, guest lecture delivered to CHE 3331: *Professional Development Seminar* (Jason Keith), Mississippi State University, April 9, 2013

“Wetland Valuation”, guest lecture delivered to WF 4383/6383: *Wetlands Ecology and Management* (Rick Kaminski), Mississippi State University, November 23, 2010

“Natural Resource Damage Assessment and Ecosystem Service Valuation”, special lecture, College of Maritime Sciences, Korea Maritime University, Busan, Republic of Korea, October 26, 2010

“NRDA and Ecosystem Service Valuation Research.” U.S. Congressional staff webinar, Oct. 5, 2010.

“Towards Valuing the Economic Damages of the *Deepwater Horizon* Oil Spill.” Departmental Seminar Series, Department of Agricultural Economics, Mississippi State University, August 27, 2010.

“Valuing Coastal Land Resources”, special lecture, College of Maritime Sciences, Korea Maritime University, Busan, Republic of Korea, January 20, 2010

“Investigating Public Preferences for Coastal Restoration in Louisiana and Mississippi.” Coastal Restoration Enhancement through Science and Technology Workshop, Ocean Springs, MS, March 8, 2010.

“The Economics of Crop Residues: Corn Stover.” Transition to a Bioeconomy: The Role of Extension in Energy, Farm Foundation Conference, Little Rock, AR, June 30 – July 1, 2009.

“Do Americans Want Ethanol? A Contingent-Valuation Study of Demand for E-10 and E-85.” Departmental Seminar Series, Department of Agricultural Economics & Agribusiness, Louisiana State University, March 7, 2008.

“The Future of Ethanol Production: An Overview and Comparison of Dry-Grind Corn and Lignocellulosic Ethanol Production.” Departmental Seminar Series, Department of Agricultural Economics, Mississippi State University, October 20, 2006.

“Missing the Boat: Farm Drainage in the Midwest and Hypoxia in the Gulf of Mexico.” Environment and Natural Resources Seminar Series, Department of Applied Economics, University of Minnesota, April 18, 2005.

“Gulf of Mexico Hypoxia: What’s Minnesota Farm Drainage Got to Do with It?” Student Seminar Series, Department of Applied Economics, University of Minnesota, March 4, 2005.

PROFESSIONAL PRESENTATIONS AND POSTERS (presenter listed as lead author)

Petrolia, D.R. "Oyster Economics: Costs, Returns, and Ecosystem Benefits of Extensive Bottom Harvest, Intensive Aquaculture, and Non-Harvested Reefs." 2020 Bays and Bayous Symposium (Virtual), December 1-3, 2020.

Petrolia, D.R., L.S. Gould, S.D. Yun, J.R. Cummings, J.G. Maples. "Is a FORTIFIED Home a Good Investment?" 2020 Bays and Bayous Symposium (Virtual), December 1-3, 2020.

Amon, K. and D.R. Petrolia. "Participation in the Community Rating System." 2020 Bays and Bayous Symposium (Virtual), December 1-3, 2020.

Petrolia, D.R., D. Guignet, J. Whitehead, C. Kent, and K. Amon. "A Look at the Use of Nonmarket Valuation in Federal Rulemaking." W-4133 Multistate Research Project Meeting, Athens, GA, February 13-14, 2020.

Hwang, J. and D.R. Petrolia. "Revisiting Opt-out Responses in Contingent Valuation." W-4133 Multistate Research Project Meeting, Athens, GA, February 13-14, 2020.

Gould, S., D.R. Petrolia, S. Yun, J. Maples, and R. Cummings. "Benefits and Costs of Wind Hazard Mitigation." Southern Agricultural Economics Association Annual Meetings, Louisville, KY, Feb. 1-4, 2020.

Petrolia, D.R., D. Guignet, J. Whitehead, C. Kent, C. Caulder, and K. Amon. "Applications, Trends, & Limitations of Non-Market Valuation for Policymaking." Southern Economic Association 89<sup>th</sup> Annual Meeting, Fort Lauderdale, FL, Nov. 23-25, 2019.

Gould, S., D.R. Petrolia, and S. Yun. "Benefits and Costs of Wind Hazard Mitigation." Southern Economic Association 89<sup>th</sup> Annual Meeting, Fort Lauderdale, FL, Nov. 23-25, 2019.

Petrolia, D.R. and J. Hwang. "Accounting for Attribute Non-Attendance in Three Previously-Published Choice Studies of Coastal and Marine Resources," CNREP 2019: 6<sup>th</sup> National Forum on Socioeconomic Research in Coastal Systems, New Orleans, May 19-21.

Petrolia, D.R. and S. Gould. "Return on Investment for Wind Hazard Mitigation." CNREP 2019: 6<sup>th</sup> National Forum on Socioeconomic Research in Coastal Systems, New Orleans, May 19-21.

Caffey, R., D.R. Petrolia, H. Wang, I. Georgiou, and M. Miner. "A Geo-economic Framework for Examining the Benefits and Costs of Coastal Dredging Projects." CNREP 2019: 6<sup>th</sup> National Forum on Socioeconomic Research in Coastal Systems, New Orleans, May 19-21.

Caffey, R. C. Plummer, H. Wang, and D.R. Petrolia. "Preferences and Values for the Gulf Coast Ocean Observing System." CNREP 2019: 6<sup>th</sup> National Forum on Socioeconomic Research in Coastal Systems, New Orleans, May 19-21.

Frimpong, E., D.R. Petrolia, A. Harri, and J. Cartwright. "Does the Community Rating System Work? Evidence from Two Gulf Coast States," CNREP 2019: 6<sup>th</sup> National Forum on Socioeconomic Research in Coastal Systems, New Orleans, May 19-21.

Nyanzu, F., D.R. Petrolia, A. Harri, W. Walton, J. Cebrian, and S. Yun. "Optimal Portfolio Design to Manage Oyster Resources," CNREP 2019: 6<sup>th</sup> National Forum on Socioeconomic Research in Coastal Systems, New Orleans, May 19-21.

Penn, J., D.R. Petrolia, R. Caffey, and M. Fannin. "Public Opinion of a Gulf-Wide Beach Conditions Reporting System." CNREP 2019: 6<sup>th</sup> National Forum on Socioeconomic Research in Coastal Systems, New Orleans, May 19-21.

Wang, H., R. Caffey, D.R. Petrolia, I. Georgiou, and M. Miner. "Economic Comparison of OCS Sand vs. Nearshore Sand for Coastal Restoration Projects." Poster presented at CNREP 2019: 6<sup>th</sup> National Forum on Socioeconomic Research in Coastal Systems, New Orleans, May 19-21.

Petrolia, D.R., F. Nyanzu, J. Cebrian, W.C. Walton, A. Harri, J. Amato, J. Rider, G. Ramseur. "Estimating Ecosystem Services for Oysters using Expert Elicitation." Aquaculture 2019 Triennial Meeting, New Orleans, March 7-11.

Nyanzu, F., D.R. Petrolia, A. Harri, W. Walton, J. Cebrian, and S. Yun. "Optimal Portfolio Design to Manage Oyster Resources," 2019 Southern Agricultural Economics Association Annual Meeting, Birmingham, AL, February 3.

Gould, S., D.R. Petrolia, and H. Hodde. "Return on Investment from Wind Mitigation." 2018 Alabama-Mississippi Bays & Bayous Symposium, Mobile, AL, Nov. 28-29.

Nyanzu, F., D.R. Petrolia, A. Harri, W. Walton, J. Cebrian, and J. Rider. "Optimal Portfolio Design to Manage Oyster Resources." 2018 Alabama-Mississippi Bays & Bayous Symposium, Mobile, AL, Nov. 28-29.

Petrolia, D.R., R.H. Caffey, H. Wang, I. Georgiou, and M. Miner. "Benefit-Cost Analysis of Using OCS versus Nearshore Sand for Coastal Restoration." 2018 Alabama-Mississippi Bays & Bayous Symposium, Mobile, AL, Nov. 28-29.

Petrolia, D.R. and J. Penn. "Public Opinion on a Gulf Coast Beach Conditions Reporting System." 2018 Alabama-Mississippi Bays & Bayous Symposium, Mobile, AL, Nov. 28-29.

Petrolia, D.R. and J. Penn. "Mitigating Hypothetical Bias: An Application to Willingness to Pay for Beach Conditions Information." Southern Economic Association 88<sup>th</sup> Annual Meeting, Washington, DC, Nov. 18-20, 2018.

Petrolia, D.R., W.C. Walton, J. Cebrian, F. Nyanzu, J. Amato, and J. Rider. "Optimal Portfolio Design to Manage Oyster Resources." W-4133 Multistate Research Project, 2018 Annual Meeting, Austin, TX, Feb. 22-23.

Petrolia, D.R., R.H. Caffey, H. Wang, I. Georgiou, and M. Miner. "Benefit-Cost Analysis of Using OCS versus Nearshore Sand for Coastal Restoration." Southern Economic Association 87<sup>th</sup> Annual Meeting, Tampa, FL, Nov. 17-19, 2017.

Petrolia, D.R., E. Frimpong, J. Cartwright, and A. Harri. "The Community Rating System, NFIP Participation, and Flood Damage Claims." 2016 Mississippi-Alabama Bays & Bayous Symposium, Biloxi, Nov. 30-Dec. 1.

Dahal, R., R.K. Grala, J.S. Gordon, I.A. Munn, D.R. Petrolia, S. Islam, J. Wesley. "Estimating the Willingness to Preserve Open Space in Coastal Waterfronts using Contingent Valuation Method." 2016 Mississippi-Alabama Bays & Bayous Symposium, Biloxi, Nov. 30-Dec. 1.

Petrolia, D.R., E. Frimpong, and A. Harri. "The Community Rating System, NFIP Participation, and Flood Damage Claims." Southern Economic Association 86<sup>th</sup> Annual Meeting, Washington, DC, Nov. 19-21, 2016.

Petrolia, D.R., R.H. Caffey, and J.M. Fannin. "Estimating the Value to the Public of a Buildout of the Gulf of Mexico Coastal Ocean Observing System (GCOOS)." 2016 Challenges of Natural Resource Economics and Policy: 5<sup>th</sup> National Forum on Socioeconomic Research in Coastal Systems, New Orleans, March 20-22.

Frimpong, E. and D.R. Petrolia. "Community-level Flood Mitigation Effects on Household-level NFIP Participation and Claims." 2016 Challenges of Natural Resource Economics and Policy: 5<sup>th</sup> National Forum on Socioeconomic Research in Coastal Systems, New Orleans, March 20-22.

Yehouenou, L., D.R. Petrolia, and W.C. Walton. "Is There a Market for Branded Gulf of Mexico Oysters?" 2016 Challenges of Natural Resource Economics and Policy: 5<sup>th</sup> National Forum on Socioeconomic Research in Coastal Systems, New Orleans, March 20-22.



Petrolia, D.R. and R.H. Caffey. “How does one value the Gulf of Mexico Coastal Ocean Observing System (GCOOS)?” W-3133 Multistate Research Project, 2016 Annual Meeting, Portland, OR, February 24-26.

Frimpong, E. and D.R. Petrolia. “Community-level Flood Mitigation Effects on Household Flood Insurance and Damage Claims.” Selected paper, 2016 SAEA Annual Meeting, San Antonio, TX, February 6-9.

Petrolia, D.R. “Risk on the Half-Shell.” Selected paper, AERE-Session Selected paper, 2015 SEA Annual Conference, New Orleans, November 21-23.

Interis, M.G. and D.R. Petrolia. “The Effect of a Specific Stated Preference Survey Response Strategy on Welfare Estimates.” W-3133 Multistate Research Project, 2015 Annual Meeting, Pensacola Beach, FL, February 25-27.

Krah, K., D.R. Petrolia, K.H. Coble, and A. Williams. “Producer Preferences for Contracts on a Risky Bioenergy Crop.” W-3133 Multistate Research Project, 2015 Annual Meeting, Pensacola Beach, FL, February 25-27.

Interis, M.G. and D.R. Petrolia. “Coastal Ecosystem Services of the Gulf of Mexico: Does their Value Depend on the Providing Habitat?” Selected paper, 2015 SAEA Annual Meeting, Atlanta, GA, January 31 - February 13.

Krah, K., D.R. Petrolia, K.H. Coble, A. Harri, and A. Williams. “Producer Preferences for Contracts on a Risky Bioenergy Crop.” Selected paper, 2015 SAEA Annual Meeting, Atlanta, GA, January 31 - February 13.

Petrolia, D.R., J. Hwang, and M.G. Interis. “Single-Choice, Repeated-Choice, and Best-Worst Elicitation Formats: Do Results Differ and by How Much?” Selected paper, AERE-Session Selected paper, 2014 SEA Annual Conference, Atlanta, November 22-24.

Krah, K., K.H. Coble, D.R. Petrolia, and A. Williams. “Policies to Develop Perennial Grass-based Advanced Biofuel Supply Chains in Southeast U.S.” Poster presented at 2014 NIFA-AFRI Sustainable Bioenergy Annual PD Meeting, Washington, DC, October 29-31.

Petrolia, D.R. and W.C. Walton. “Consumer Preferences for Branded Gulf of Mexico Oysters.” National Shellfisheries Association, 2014 Annual Meeting, Jacksonville, FL, April 2.

Hwang, J., D.R. Petrolia, and M.G. Interis. “Single-Choice, Repeated-Choice, and Best-Worst Elicitation Formats: Do Results Differ and by How Much?” W-3133 Multistate Research Project, 2014 Annual Meeting, Orange Beach, AL, February 19-21.

Interis, M.G. and D.R. Petrolia. “Ecosystem Services Valuation: Does it Matter Which Ecosystem Provides the Habitat?” W-3133 Multistate Research Project, 2014 Annual Meeting, Orange Beach, AL, February 19-21.

Interis, M.G. and D.R. Petrolia. “The Role of Vote Distribution Perceptions in Multinomial-Choice Valuation Surveys.” Selected paper, 2014 SAEA Annual Meeting, Dallas, TX, February 1-4.

Acquah, S. and D.R. Petrolia. “Effect of branding Gulf oysters on consumers’ willingness to pay.” Selected paper, 2014 SAEA Annual Meeting, Dallas, TX, February 1-4.

Petrolia, D.R. and W.C. Walton. “Risk Preferences and Perceptions: The Case of Branded Gulf Oysters.” Selected paper, AERE-Session Selected paper, 2013 SEA Annual Conference, Tampa, November 23-25.

Interis, M.G. and D.R. Petrolia. “The Role of Vote Distribution Perceptions in Multinomial-Choice Valuation Surveys.” Selected paper, 2013 AERE Summer Conference, Banff, Alberta, Canada, June 6-8.

Caffey, R.H., H. Wang, and D.R. Petrolia. “Cost-Benefit Analysis of Ecosystem Service Flows from Coastal Land-Building Methods.” Selected Paper, Challenges of Natural Resource Economics & Policy 4<sup>th</sup> National Forum on Socioeconomic Research in Coastal Systems, New Orleans, March 24-26, 2013.

Hwang, J., D.R. Petrolia, and M.G. Interis. “Yes Votes, No Votes, and Non-Votes for Proposed Coastal Restoration in Louisiana.” Selected Paper, Challenges of Natural Resource Economics & Policy 4<sup>th</sup> National Forum on Socioeconomic Research in Coastal Systems, New Orleans, March 24-26, 2013.

Interis, M.G. and D.R. Petrolia. “The Value of Ecosystem Services Provided by Oyster Reefs, Black Mangroves, and Salt Marshes.” Selected Paper, Challenges of Natural Resource Economics & Policy 4<sup>th</sup> National Forum on Socioeconomic Research in Coastal Systems, New Orleans, March 24-26, 2013.

Petrolia, D.R., M.G. Interis, and J. Hwang. “America’s Wetland? A National Survey of Willingness to Pay for Restoration of Louisiana’s Coastal Wetlands.” Selected Paper, Challenges of Natural Resource Economics & Policy 4<sup>th</sup> National Forum on Socioeconomic Research in Coastal Systems, New Orleans, March 24-26, 2013.

Petrolia, D.R., C.E. Landry, and K.H. Coble. Risk Preferences, Risk Perceptions, and Flood Insurance.” Selected Paper, Challenges of Natural Resource Economics & Policy 4<sup>th</sup> National Forum on Socioeconomic Research in Coastal Systems, New Orleans, March 24-26, 2013.

Petrolia, D.R. and W.C. Walton. “Consumer Preferences for Branded Gulf Oysters.” Selected Paper, Challenges of Natural Resource Economics & Policy 4<sup>th</sup> National Forum on Socioeconomic Research in Coastal Systems, New Orleans, March 24-26, 2013.

Xu, C., M.G. Interis, D.R. Petrolia, and K.T. Coatney. “Empirical Testing of Strategic Voting and its Implications for Choice Experiments.” Selected Paper, Challenges of Natural Resource

Economics & Policy 4<sup>th</sup> National Forum on Socioeconomic Research in Coastal Systems, New Orleans, March 24-26, 2013.

Petrolia, D.R. and W.C. Walton. "Risk Preferences and Perceptions: The Case of Branded Gulf Oysters." W-3133 Multistate Research Project 2013 Annual Meeting, Coeur d'Alene, ID, February 27-March 1.

Interis, M.G., D.R. Petrolia, and J. Hwang. "Not Choosing is a Choice: Consequentiality and "Opt Out" Responses to Choice Surveys." W-3133 Multistate Research Project 2013 Annual Meeting, Coeur d'Alene, ID, February 27-March 1.

Petrolia, D.R., M.G. Interis, and J. Hwang. "America's Wetland? A National Survey of Willingness to Pay for Restoration of Louisiana's Coastal Wetlands." Selected paper, 2013 SAEA Annual Meeting, Orlando, February 2-5.

Hwang, J., D.R. Petrolia, M.G. Interis, and A. Harri. "What to Do with 'Prefer Not to Vote' Responses from Contingent Valuation Surveys?" Selected paper, 2013 SAEA Annual Meeting, Orlando, February 2-5.

Xu, Chang, M.G. Interis, D.R. Petrolia, and K.T. Coatney. "Empirical Testing of Strategic Voting and its Implications for Choice Experiments." Selected paper, 2013 SAEA Annual Meeting, Orlando, February 2-5.

Petrolia, D.R., M.G. Interis, and J. Hwang. "Not Choosing is a Choice: Consequentiality and "Opt Out" Responses to Choice Surveys." Selected paper, AERE-Session Selected paper, 2012 SEA Annual Conference, New Orleans, November 16-18.

Petrolia, D.R. and W.C. Walton. "A National Survey of Consumer Preferences for Branded Gulf Oysters." Selected paper, 2012 Bays & Bayous Symposium, Biloxi, MS, November 14-15.

Interis, M.G. and D.R. Petrolia. "The value of ecosystem services provided by oyster reefs, mangroves and salt marshes along the Gulf of Mexico." Selected paper, 2012 Bays & Bayous Symposium, Biloxi, MS, November 14-15.

Petrolia, D.R. and M.G. Interis. "Consequentiality Effects in a Multinomial Choice Experiment Survey." Selected paper, 2012 AERE Summer Conference, Asheville, NC, June 4-5.

Petrolia, D.R. and M.G. Interis. "Consequentiality Effects in a Multinomial Choice Experiment Survey." W-2133 Multistate Research Project 2012 Annual Meeting, Park City, UT, February 22-24.

Interis, M.G. and D.R. Petrolia. "The Effect of Consequentiality Perceptions on Preference Revelation in CV: An Application to Louisiana Coastal Wetlands Restoration." W-2133 Multistate Research Project 2012 Annual Meeting, Park City, UT, February 22-24.

Wang, H., R.H. Caffey, and D.R. Petrolia. "An Economic Assessment of Competing Technologies for Coastal Restoration." Selected paper, 2012 SAEA Annual Meeting, Birmingham, AL, February 4-7.

Petrolia, D.R., J. Lee, K.H. Coble, and C.E. Landry. "Risk Preferences, Perceptions, Ambiguity, and Flood Insurance." Selected paper, 2011 SEA Annual Conference, Washington, DC, November 19-21.

Interis, M.G., D.R. Petrolia, and M.K. Hidrue. "The Effect of Priors and Consequentiality on Preference Revelation in Stated Preference Studies: An Application to Louisiana Coastal Wetlands Restoration Valuation." AERE-Session Selected paper, 2011 SEA Annual Conference, Washington, DC, November 19-21.

Petrolia, D.R., K.H. Coble, and C.E. Landry. "Using Subjective Risk and Experimental Information to Predict Flood Insurance and Self-Protection Measures." Selected paper, 2011 AERE Summer Conference, Seattle, WA, June 8-10.

Petrolia, D.R., M.G. Interis, and M.K. Hidrue. "Valuing Coastal Restoration in the Barataria-Terrebonne Estuary: A Nationwide Survey." Selected presentation, Northern Gulf Institute Annual Meeting, Mobile AL, May 17-19, 2011.

Kim, G., D.R. Petrolia, and M.G. Interis. "Improving Value Estimates for Restoration of Mississippi's Barrier Islands." Selected presentation, Northern Gulf Institute Annual Meeting, Mobile AL, May 17-19, 2011.

Lee, J., D.R. Petrolia, K.H. Coble, and C.E. Landry. "Risk Perceptions, Preferences, Ambiguity, and Flood Insurance Demand." Selected presentation, Northern Gulf Institute Annual Meeting, Mobile AL, May 17-19, 2011.

Petrolia, D.R., K.H. Coble and C.E. Landry. "A Model of Flood Insurance Demand Using Experimental Risk Preference and Subjective Risk Perception Data." W-2133 Multistate Research Project 2011 Annual Meeting, Albuquerque, NM, February 23-25.

Lee, J., D.R. Petrolia, K.H. Coble, and C.E. Landry. "Flood Insurance Demand Along the Gulf and Florida's Atlantic Coasts." Selected paper, SAEA Annual Meeting, Corpus Christi, TX, February 5-8, 2011.

Kim, G., D.R. Petrolia, and M.G. Interis. "Using Multiple-Scenario Contingent Valuation Data to Estimate Willingness to Pay for Restoration of Mississippi's Barrier Islands." Selected paper, SAEA Annual Meeting, Corpus Christi, TX, February 5-8, 2011.

Lee, J., D.R. Petrolia, K.H. Coble, and C.E. Landry. "Flood Insurance Demand along the Gulf and Florida's Atlantic Coasts." Bays and Bayous Symposium, Mobile, AL, December 1-2, 2010.

Kim, G., D.R. Petrolia, and M.G. Interis. "Using Multiple-Scenario Contingent Valuation Data to Estimate Willingness to Pay for Restoration of Mississippi's Barrier Islands." Bays & Bayous Symposium, Mobile, AL, December 1-2, 2010.

Petrolia, D.R. and T. Kim. "Contingent Valuation with Heterogeneous Reasons for Uncertainty." Southern Economic Association Annual Meeting, Atlanta, November 20-22, 2010.

Linton, J.L., J.C. Miller, R.D. Little, D.R. Petrolia, and K.C. Coble. "Alternative Biomass for Energy: An Economic Evaluation," 12th Annual National Value-Added Agriculture Conference, Biloxi, MS, June 27-29, 2010.

Petrolia, D.R. and T. Kim. "Preventing Land Loss in Coastal Louisiana: Estimates of WTP and WTA." 3<sup>rd</sup> National Forum on Socioeconomic Research in Coastal Systems, New Orleans, May 26-28, 2010.

Moore, R.G., D.R. Petrolia, and T. Kim. "Preferences for Timing of Wetland Loss Prevention in Louisiana." 3<sup>rd</sup> National Forum on Socioeconomic Research in Coastal Systems, New Orleans, May 26-28, 2010.

Petrolia, D.R., S. Bhattacharjee, and T.R. Hanson. "Heterogeneous Evacuation Responses to Storm Forecast Attributes." Selected Poster, 3<sup>rd</sup> National Forum on Socioeconomic Research in Coastal Systems, New Orleans, May 26-28, 2010.

Petrolia, D.R., K.H. Coble, C.E. Landry, M.G. Interis, and R.H. Caffey. "Toward an Understanding of Gulf Coast Resident Preferences and Perceptions on Risk and Restoration: A Proposal." Selected presentation and poster, Northern Gulf Institute Annual Meeting, Mobile AL, May 18-20, 2010.

Petrolia, D.R., S. Bhattacharjee, and T.R. Hanson. "Heterogeneous Evacuation Responses to Storm Forecast Attributes." Selected Poster, Northern Gulf Institute Annual Meeting, Mobile AL, May 18-20, 2010.

Linton, J.L., K.H. Coble, R.D. Little, and D.R. Petrolia. "The Economic Feasibility of Sweet Sorghum Ethanol Production in Mississippi." Poster, Ninth Annual Southern BioProducts and Renewable Energy Conference, Tunica, MS, April 13-14, 2010.

Petrolia, D.R. "WTP v. WTA in the context of coastal land loss in Louisiana", in "Contingent Valuation: Issues on the Frontier and in Application", Organized Symposium, SAEA Annual Meeting, Orlando, FL, Feb. 6-9, 2010.

Moore, R.G., D.R. Petrolia, and T. Kim. "The Effects of Climate Change Perceptions on Willingness to Fund the Prevention of Wetland Loss", Selected Paper, SAEA Annual Meeting, Orlando, FL, Feb. 6-9, 2010.

Moore, R.G., D.R. Petrolia, and T. Kim. “The Effects of Climate Change Perceptions on Willingness to Fund the Prevention of Wetland Loss.” Poster, Northern Gulf Institute Annual Meeting, Mobile AL, May 20-21, 2009.

Petrolia, D.R. and T. Kim. “What are Barrier Islands Worth?” Selected Paper, Northern Gulf Institute Annual Meeting, Mobile AL, May 20-21, 2009.

Bhattacharjee, S., D.R. Petrolia, and T.R. Hanson. “Which Forecast Factors Influence Hurricane Evacuation Decisions?” Selected Paper, Northern Gulf Institute Annual Meeting, Mobile AL, May 20-21, 2009.

Petrolia, D.R., T. Kim, “Are CV Stated Certainty Responses Reliable?” Selected Paper, 2009 Southern Natural Resource Economics (SERA-30) Annual Meeting, Athens GA, May 18.

Petrolia, D.R., R.H. Caffey, and T. Kim. “Economic Assessment of Rapid Land-Building Technologies for Coastal Restoration.” SAEA Annual Meeting, Atlanta, Jan. 31–Feb. 3, 2009.

Bhattacharjee, S., D.R. Petrolia, T.R. Hanson, and M. Thomas. “Study of Evacuation Behavior of Coastal Gulf of Mexico Residents.” Selected Paper, SAEA Annual Meeting, Atlanta, Jan. 31–Feb. 3, 2009.

Petrolia, D.R., R.H. Caffey, and T. Kim. “Economic Assessment of Rapid Land-Building Technologies for Coastal Restoration.” PIANC Gulf Coast Hurricane Conference: Preparedness, Response, Recovery, & Rebuilding, Mobile, AL, November 13, 2008.

Bhattacharjee, S., D.R. Petrolia, and W.C. Herndon. “Does Demand for Ethanol-Based Fuel Increase as the Ethanol Share Increases? A Contingent-Valuation Study for E85 Fuel.” Poster, AAEA 2008 Annual Meeting, Orlando, FL, July 27-29.

Petrolia, D.R. and T. Kim. “Mississippi’s Barrier Islands: A Contingent-Valuation Approach for Estimating WTP for Restoration.” Southern Natural Resource Economics (SERA-30) Annual Meeting, Washington DC, May 23, 2008.

Acharya, A.M., S.D. Eksioglu, and D.R. Petrolia. “In-Bound supply chain design for biomass-to-ethanol industry: A study of Mississippi.” IIE Annual Conference and Expo, Vancouver, BC, May 17-21, 2008

Acharya, A.M., S.D. Eksioglu, and D.R. Petrolia. “Making Ethanol Cost Effective by Means of Logistics and Supply Chain Management.” Poster, Mississippi State University Biofuels Conference, August 27, 2007.

Bhattacharjee, S., D.R. Petrolia, and W.C. Herndon. “Analysis of U.S. Consumers Willingness to Pay (WTP) for E10 and E85 Ethanol.” Poster, Mississippi State University Biofuels Conference, August 27, 2007.

Petrolia, D.R. “Impact of the Ethanol Industry on Agriculture”, Mississippi State University Biofuels Conference, August 27, 2007.

Bhattacharjee, S., D.R. Petrolia, and W.C. Herndon. “Analysis of U.S. Consumers Willingness to Pay (WTP) for E10 and E85 Ethanol.” Poster, AAEA 2007 Annual Meeting, Portland, July 29-Aug 1.

Sempier, S.H., T.R. Hanson, G. Evans, A. Myles, D.R. Petrolia, K.H. Coble, B. Posadas, and S. Hodge. “Developing a Foundation for Analysis of Natural and Human-Induced Disturbances to Coastal Economics” Poster, Center for Natural Resource Economics and Policy Conference, May 20-22, 2007, New Orleans.

Sempier, S.H., T.R. Hanson, G. Evans, A. Myles, D.R. Petrolia, K.H. Coble, B. Posadas, and S. Hodge. “Developing a Foundation for Analysis of Natural and Human-Induced Disturbances to Coastal Economics” Poster, 2007 Northern Gulf Institute Conference, Biloxi, May 16-17.

Petrolia, D.R. and R.H. Caffey. “Economic Assessment of Rapid Land-Building Technologies for Coastal Restoration: A Proposal.” Center for Natural Resource Economics and Policy Conference, May 20-22, 2007, New Orleans.

Petrolia, D.R. “Ethanol from Biomass: Economic and Environmental Potential of Converting Corn Stover and Hardwood Forest Residue in Minnesota.” Selected Paper Presentation, AAEA Annual Meetings, Long Beach, CA, July 23-26, 2006.

Petrolia, D.R. “Agricultural Drainage and Gulf Hypoxia: Economic Targeting of Farmland to Reduce Nitrogen Loads in a Minnesota Watershed,” Selected Paper Presentation, AAEA Annual Meetings, Providence, RI, July 24-27, 2005.

Petrolia, D.R. and P. Lynn Kennedy. “A Partial-Equilibrium Simulation of Increasing the U.S. Tariff-Rate Sugar Quota for Cuba and Mexico,” Selected Paper Presentation, AAEA Annual Meetings, Long Beach, CA, July 28-31, 2002.

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