

Curriculum Vitae

of

Dr. Edmund Merem

Full Professor

Founding BA Program Coordinator 2004-2005

MA Program Coordinator 2005-2006

PhD Program Coordinator 2006-2012

Coordinator Graduate Admission 2016

Member Vanier Canada Graduate Scholarship Selection Committee 2017-

Personal Data:

Office Address: Department of Urban and Regional Planning
Jackson State University
101 West Capitol Street
Jackson, MS 39209

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Country of Citizenship: United States of America

Education:

2003 Philosophy of Doctor
Jackson State University
Jackson, MS
Urban & Regional Planning
Major: Environment and Landuse

1995-2002 Ph.D. Student & ABD
University of Ottawa
Ottawa, ONT
Geography
Major: Environmental Planning

1995 M.E.S.
York University
North York, ONT
Environmental Studies/City Planning
Major: Environmental Planning

1992

B.A.
York University
North York, ONT
Social Sciences: Communications

M.A.
Pontifical Lateran University
Vatican, Vatican City/ Rome
Family Studies

Courses Taught*/Scheduled To Teach:

Environmental Impact Assessment
Natural Resources Management*
 URP 539; 739 (Spring 2004 and Spring 2007)
Global Cities and Planning
Environmental Management
Ecology in Third World Development
Development Studies and Sustainability
Rural Planning and Development*
 URP 533 (Fall 2003, Summer 2007 and Summer 2009)
Environmental Policy
Landscape Ecology
Ecological Economics and Corporate Environmental Accounting
Environmental Ethics*
 URP 732 (Spring 2004 and Spring 2007)
Introduction to Environmental Planning Ethics*
 URP 532 (Spring 2004 and Spring 2007)
Introduction to Environmental Planning*
 URP 530 (Spring 2006, Fall 2004, Fall 2007, Fall 2009 and Fall 2010)
Environment and Land Use*
 URP 730 (Spring 2006 and Fall 2007)
Landuse Studio*
 URP 735 (Spring 2004, Fall 2009, Fall 2011 and Fall 2012)
Comprehensive Planning*
 URP 535 (Spring 2004, Fall 2009, Fall 2011 and Fall 2012)
International Human Settlement*
 URP 736 (Spring 2005, Fall 2008, Fall 2009, Fall 2010, Fall 2011 and Fall 2012)
Environmental planning of Developing Nations*
 URP 536 (Spring 2005, Fall 2008 through Fall 2012)
Planning Practices In Other Countries*
 UA 228 (Fall 2005)
Ethics In Planning*
 URP 714 (Fall 2005 through Fall 2012)
Introduction to Environmental Planning/ Studies*
 UA 400 (Fall 2004 and Fall 2006)

Directed Study Urban Affairs

UA 493 (Spring 2008 and Spring 2009)

Independent Study*

URP 555 (Fall 2006 and Fall 2007, Summer 2006 through 2012)

PhD Dissertation Hours*

URP 899 (Fall 2006 through Fall 2012)

Doctoral Research Hours*

URP 777 (Spring 2007-2009; Spring 2011-2012; Fall 2010; and Fall 2012)

Plan Implementation/Urban Imp Strategies*

URP537/737 (Summer 2010 through 2012)

Growth Management

URP 531* (Spring 2010 through 2012)

Historical Development of Cities

URP 700* (Fall 2010 through 2012)

PhD. Dissertation:

Merem, E. C. "Regional Environmental Accounting for Agricultural Land Use Change in Ottawa South Central from 1981-1996"

Research Interests:

Energy, Oil and Natural Gas Accounting
Environmental Planning and Farmland Protection
Environmental Justice/Ethics
Ecosystem Valuation, Plan Implementation
Environmental Accounting
Landscape Ecology and Ecological Footprints
Deep Ecology, Hydrology and Watershed Management
Sustainability, Land Use Analysis, Land Use Policy
Climate Change, Land Use Change
GIS Applications in Natural Resources Management
Image Analysis and Remote Sensing
Hydropolitics of the Middle East and Africa
Environment and Security

Published Papers/ Peer Reviewed Abstracts and Proceedings:

Peer Reviewed Journal Articles

Merem, E. C. (2017). Techniques of Remote Sensing and GIS as Tools for Visualizing Impact of Climate Change-Induced Flood in the Southern African Region. *American Journal of Climate Change*, 6: 306-327

Merem, E. C. (2017). Analyzing rice production issues in Niger state area of Nigeria's middle belt. *Food and Public Health*, 7(1), 7-22.

- Merem, E. C. (2017). Regional assessment of energy trends in West Africa using GIS. *International Journal of Energy Engineering*, 7(1), 1-27.
- Merem, E.C. (2017). Analyzing water management issues using GIS: The case of Nigeria. *Geosciences*, 7(1), 20-46.
- Merem, E. C. (2017). Assessing ecosystem liabilities of oil and gas activities in southern Nigeria. *Public Health Research*, 7(1), 3-26.
- Merem, E. C. (2017). Assessing the ecological effects of mining in West Africa: The case of Nigeria. *International Journal of Mining Engineering and Mineral Processing*, 6:(1), 1-19.
- Merem, E. C. (2016). Coupling GIS and remote sensing techniques for coastal zone disaster management: The case of southern Mississippi. *Geoenvironmental Disasters*, 3:25.
- Merem, E. C. (2016). Assessing the vulnerability of the us pacific north west region to tsunami hazards. *American Journal of Environmental Engineering*, 6(1), 1-19.
- Merem, E. C. (2016). The growing issue of mercury exposure and the threats in the African American community. *Journal of Frontiers in Science*, 1-15.
- Merem, E. C. (2016). The geography of wind energy use in the mid-west region of the U. S. *Journal of Energy and Power*, 6(1), 1-15.
- Merem, E. C. (2016). Assessing the environmental impacts of agricultural subsidy in the Mississippi Delta region using GIS. *International Journal of Agriculture and Forestry*, 6(1), 1-21.
- Merem, E. C. (2015). GIS assessment of farm landscape change in South Carolina lower region. *International Journal of Agriculture and Forestry*, 5(2), 92-112.
- Merem, E. C. (2015). Analyzing environmental issues in the lower Savannah watershed, in Georgia and South Carolina. *American Journal of Environmental Engineering*, 5(1), 1-20.
- Merem, E. C. (2014). Analyzing water issues in the state of Mississippi. *British Journal of Applied Science & Technology*, 4(2), 3179-3216.
- Merem, E. C. (2014). Analyzing the changing agricultural landscape of northern Louisiana. *Journal of Scientific Research and Reports*, 3(20), 2638-2664.
- Merem, E. C. (2014). Assessing agricultural landscape change in northern Mississippi region. *World Environment*, 4(2), 43-60.

- Merem, E. C. (2014). The analysis of coal mining impact on West Virginia's environment. *British Journal of Applied Science and Technology*, 4(8), 1171-1197.
- Merem, E. C. (2013). Geospatial assessment of the impacts of changing agricultural landscape in Louisiana. *Journal of Marine Sciences*, 3, 19-29.
- Merem, E. C. and Twumasi, Y. A., (2012). Using GIS to assess the contributions of farming activities to climate change in the state of Mississippi. *British Journal of Environment and Climate Change*, (2)2, 1-15.
- Merem, E. C. (2012). Using geospatial information systems in assessing water quality in the mid-atlantic region agricultural watershed of Maryland. *International Journal of Ecosystem*, 2(5), 112-139.
- Merem, E. C. (2012). The applications of geo-info systems to gauge the susceptibility of coastal areas in Louisiana and Mississippi. *American Journal of Geographic Information Systems*, 1(3), 46-65.
- Merem, E. C. (2012). Tropical landscape change and the role of agroforestry in southern Nigeria. *British Journal of the Environment and Climate Change*, (2):3, 285-319.
- Merem, E. C., Twumasi, Y. A., Richardson, C., and Forster, D. (2012). Using GIS and climate risk information systems to analyze the vulnerability of coastal counties in Louisiana and Mississippi. *Resources and Environment*, (1)1, 1-18.
- Merem, E. C., Twumasi, Y. A. and Richardson, C. (2012). The use of geospatial information systems in the analysis of pollution trends in southern Mississippi region. *American Journal of Environmental Science and Engineering*, 1(1), 14-29.
- Merem, E. C., Twumasi, Y. A. and Manu, A. (2012). Visualization of the rangeland resources from space: A case of Sahel region, West Africa. *International Journal of Geomatics and Geosciences*, 3(1), 259-267.
- Merem, E. C., Twumasi, Y. A., Wesley, J. C Richardson and B. Robinson. (2011). The applications of GIS in the analysis of the impacts of human activities on south Texas watersheds. *International Journal of Environmental Research and Public Health*, 8(6), 2418-2446.
- Merem, E. C., Wesley, J., Richardson, C., Forster, D., Romano, C. and Williams, J. (2011). Using geospatial information systems in analyzing urbanization impacts on stream southern habitats in Mississippi coastal ecosystem. *Journal of Environmental Science and Engineering*, 5(12), 1624-1641.
- Merem, E. C. (2011). Geospatial information analysis of land uses impacts in southern Alabama. *Journal of Environmental Monitoring and Restoration*, 7, 1-25.

- Merem, E. C. and Twumasi, Y. A. (2011). Relationships between climate parameters and forest vegetation at and near Digya National Park. *Ghana the British Journal of Environment and Climate Change*, 1(4), 2011-2115.
- Merem, E. C. and Twumasi, Y. A. (2010). Using GIS in environmental management: Green assessment of the impacts of petroleum activities in the state of Texas. *International Journal of Environmental Research and Public Health*, 7(5), 2101-2130.
- Merem, E. C. and Twumasi, Y. A. (2008). Using spatial information technologies as monitoring devices in international watershed conservation along the Senegal River basin of West Africa. *International Journal of Environmental Research and Public Health*, 5(5), 464-476.
- Merem, E. C. and Twumasi, Y. A. (2008). Geospatial information systems analysis of regional environmental change along the Savannah River Basin of Georgia. *International Journal of Environmental Research and Public Health*, 5(1) 281-294.
- Merem, E. C. and Twumasi, Y. A. (2008). Using geospatial information technology in natural resources management: The case of urban land management in West Africa. *Sensors*, 8, 607-619.
- Merem, E. C. and Twumasi, Y. A. (2007). Using GIS and remote sensing in the analysis of ecosystem decline along the River Niger Basin: The case of Mali and Niger. *International Journal of Environmental Health and Public Health*, 4(2), 278-289.
- Merem, E. C. and Twumasi, Y. A. (2007). GIS applications in global environmental protection: The case of environmental monitoring of fossil fuel emission from oil and gas activities in Africa. *World Resources Review*, 19(3), 657-680.
- Merem E. C. (2006). The loss of agricultural land among black farmers, *Western Journal of Black Studies*, 1-17.
- Merem, E. C. and Twumasi, Y. A. (2006). GIS and remote sensing applications in the assessment of change within a coastal environment in the Niger delta region of Nigeria. *International Journal of Environmental Health and Public Health*, 3(1), 98-106.
- Merem, E. C. and Twumasi, Y. A. (2006). Case of the Niger River Basin. *GIS Development: Africa*, 24-28.
- Merem, E. C. and Twumasi, Y. A. (2005). GIS based analysis of growth management and environmental decline of central Mississippi region. *Geographic Information Sciences*, 11(2), 130-137.
- Merem, E. C. and Twumasi, Y. A. (2005). GIS based analysis of growth management and environmental decline of the central Mississippi region. *Annals of GIS* 11(2). 130-138.

- Merem, E. C. and Twumasi, Y. A. (2005). GIS applications in land management: The loss of high quality land to land development in central Mississippi from 1987-2002. *International Journal of Environmental Research and Public Health*, 2(2), 234-244.
- Merem, E. C. and Twumasi, Y. A. (2005). Issues in wildlife habitat conservation: the current initiatives in the south east, the case of Mississippi. *Journal of the Alabama Academy of Science*, 76(2), 123.
- Merem, E. C. and Twumasi, Y. A. (2004). Analysis of trends on forested land areas: the case of Mississippi. *Journal of the Alabama Academy of Science*, 75(2), 82.
- Merem, E. C. and Twumasi, Y. A. (2003). Environmental initiatives of community-based development organization: The case of the federation of southern co-operatives of Alabama. *Journal of the Alabama Academy of Science*, 74(2), 97.
- Merem, E.C. (2003). Environmental accounting for agricultural land use change in Ottawa, south central from 1981-1996. *The Graduate*, 20(3), 1.

Peer Reviewed Proceedings

- Merem, E. C. and Twumasi, Y. A. (2004). *GIS applications in growth management: The case of central Mississippi*. Proceedings of a conference held at the ACSM-ASPRS Annual Convention and Exhibition on CD ROM ISBN 1-57083-072 American Society for Photogrammetry and Remote Sensing. Denver CO, 28th May 2004.
- Merem, E. C. (2004). *Multi-jurisdictional issues in international water quality monitoring: The case of Lake Chad Basin in West Africa*. Proceedings of a conference held at the Fourth National Water Quality Monitoring Council Conference held at Building and Sustaining Successful Monitoring Programs, Chattanooga, TN, 17th-20th May 2004.
- Merem, E. C. and Twumasi, Y. A. (2004). *GIS applications in land management: The loss of high quality land to land development in central Mississippi from 1987-2002*. Proceedings of a conference held at the First International Symposium on Recent Advances in Environmental Health Research held at Jackson, MS, 20th September 2004.
- Merem, E. C. (2004). *Landlessness in the black farming community: The way out*. Proceedings of the fourth annual conference of the University of Wisconsin-Madison Land Tenure Center's North American Program held in Madison, WI, 25th May 2004.
- Merem, E. C. (2004). *Environmental accounting for oil and natural gas in Texas, Louisiana, and Mississippi from 1967-2000*. Proceedings of the Jackson State University center for university scholars, annual university scholars' symposium held at Jackson State University, Jackson, MS, 4th November 2004.

- Merem, E. C. (2005). *The agroforestry systems of west Africa: the case of Nigeria*. Proceedings of the ninth north America agroforestry conference at the University of Minnesota, St. Paul, MN, 12th June 2005.
- Merem, E. C. (2005). *The effects of toxic chemicals in forest vegetation management: A review of the incidents in selected forest regions of the United States*. Proceedings of the 5th international conference on forest vegetation management at Oregon State University, Corvallis, OR, 20th June 2005.
- Merem, E. C. (2009). *The use of stewardship principles in rural environmental protection: Proceedings of USDA-CRESS conference, Kansas City, MO, 8th February 2009*.
- Merem, E. C. (2009). *The use of spatial technologies in environmental management: The case of ecosystem assessment of oil and gas activities in Texas*. Proceedings of the American Environmental Health Association, San Diego, CA, 9th March 2009.
- Merem, E. C. (2009). *The applications of spatial information systems in ecosystem restoration: The case of Colorado Rocky Mountain arsenal*. Proceedings of National Conference on Ecosystem, Los Angeles, CA, 23th – 24th July 2009.
- Merem, E. C. (2008). *The application of spatial information technologies in international watershed management*: Proceedings of the 4th International Conference on the Latest Advances in Environmental Health, Jackson, MS, 14th September 2008.
- Merem, E. C. (2008). *Applying GIS and remote sensing as monitoring tools in multinational watershed management the case of the Senegal River Basin of West Africa*. Proceedings of the National Water Quality Monitoring Council, Atlantic City, NJ, 18th - 22th May 2008.
- Merem, E. C., Richardson, C., Wesley, J., and Miller, K. (2012, September). *Geospatial assessment of agricultural landscape variations in the northern Mississippi region*. Poster presented at the 9th international Symposium on the Recent Advances in Environmental Health, Jackson, MS.
- Merem, E. C., Svenska, D., Twumasi, Y. A., Richardson, C., Wesley, J., and K. (2012). *Environmental history of African Americans: the case of mining towns and African Americans*. Proceedings of the 20th Annual National Association of African American Studies and Affiliates NAAAS Conference, Baton Rouge, LA, 13th – 18th February 2012.
- Merem, E. C., Twumasi, Y. A., Richardson, C., Wesley, J., Williams, J. and Forster, D. (2012). *Using GIS to analyze the changing agricultural landscape of northern Mississippi*. Proceedings of the AEHS 22nd Annual International Conference on Soil, Water, Energy and Air, San Diego, CA, 19th – 24th March 2012.

- Merem, E. C., Twumasi, Y. A., Richardson, C., Wesley, J., Williams, J. (2012). *Using GIS to analyze the changing agricultural landscape of southern Louisiana*. Proceedings of the National Water Quality Association Conference NWAQC, Portland, OR, April 2012.
- Merem, E. C., Twumasi, Y. A., Richardson, C. and Wesley, J. (2011). *Using GIS to gauge the vulnerability of coastal areas in the south east states of Mississippi and Louisiana*. Proceedings of the 8th International Conference on the Latest Advances in Environmental Health, Jackson, MS, 20th September 2011.
- Merem, E. C., Wesley, J. and Robinson, B. (2011). *Regional assessment of tsunami hazard management plans: the case of the pacific north west*. Proceedings of the Disaster Resistance Workshop, New Orleans, LA, 16th February 2011.
- Merem, E. C., Wesley, J., Twumasi, Y. C., and Walker, T. J. (2011). *Using GIS in ecological assessment of ground water resource use in Mississippi*. Proceedings of the AEHS Western Regional Conference, San Diego, CA, March 2011.
- Merem, E. C., Wesley, J., Williams, J. and Foster, D. (2011). *The analysis of Brownfields land reuse programs: the state of Mississippi*. Proceedings of the poster presented at the Sustainable Remediation Conference, Amherst, MA, 1st – 3rd June 2011.
- Merem, E. C., Wesley, J. M. and Fuller, H. D. (2011). *Environmental sustainability: A vision of relevance for environmental justice groups*. Proceedings of the ACSP Conference, Salt Lake City, UT, November 2011.
- Merem, E. C., Twumasi, Y. A., Wesley, J., Yeramilli, S. and Richardson, C. (2011). *Using climate risk information in assessing the vulnerability of coastal areas in the southeast: the case of Louisiana and Mississippi*. Proceedings of the CIMRI Conference, Orlando, FL, 24th – 27th May 2011.
- Merem, E. C., Wesley, J. M. and Roberts, S. (2011). *A challenging trinity: Poverty, health and geography*. Proceedings of the Sino-American Research Forum, Jackson State University, Jackson, MS, 10th – 13th April 2011.
- Merem, E. C. and Romarno, C. (2010). *The applications of spatial information systems in ecosystem restoration: The case of the Colorado Rocky Mountain Arsenal*. Abstract, in Proceedings of the NCER and ASCE Conference, Phoenix, AZ, December 2010.
- Merem, E. C., Yeramilli, S. and Robinson, B. (2010). *The applications of GIS in the analysis of the impacts of human activities in south Texas watersheds*. In Proceedings of the 6th International Conference on the Latest Advances in Environmental Health in Jackson, MS, 12th – 16th September 2010.
- Merem, E. C., Yeramilli, S., Robinson, B., Twumasi, Y. A., and Wesley, J. (2011). *Using GIS in ecological assessment of ground water resource use in Mississippi*. In

proceedings of the Western Regional Chapter of the American Environmental Health Association Conference, San Diego, 3rd February 2011.

Merem, E. C., Yeramilli, S. and Robinson, B. (2010). *Using GIS to analyze the environmental impacts of mining on water resources in the state of West Virginia*. Proceedings of the Seventh National Water Monitoring Conference: Monitoring from the Summit to the Sea, Denver, CO, 25th – 29th April 2010.

Merem, E. C., Yeramilli, S., and Robinson, B. (2010). *Analyzing the effects of human activities on agricultural watersheds in southern Texas*. Paper presented at the 2010 Land Grant and Sea Grant National Water Conference, Hilton Head, SC, 21st – 25th February 2010.

Merem, E. C., Robinson, B. and Twumasi, Y. A. (2009). *Using GIS in environmental management: Green assessment of the impacts of petroleum activities in the state of Texas*. Paper presented at the 6th International Conference on the Latest Advances in Environmental Health, Jackson, MS, 12th – 16th September 2009.

Merem, E. C., Twumasi, Y. A., and Wesley, J. (2009). *The Use of stewardship principles in rural environmental protection*. In proceedings of the USDA-CREES, National Water Conference, St Louis, MO, 8th February 2009.

Merem, E. C., Robinson, B., and Romano, C. (2009). *The applications of spatial information systems in ecosystem restoration: The case of Colorado Rocky Mountain Arsenal*. In proceedings of the 3rd National Conference on Ecosystem, Los Angeles, CA, 23rd -24th July 2009.

Merem, E. C., Twumasi, Y. A., and Robinson, B. (2009). *The use of spatial technologies in environmental management: The case of ecosystem assessment of oil and gas activities in Texas*. In proceedings of the Western Regional Chapter of the American Environmental Health Association Conference, San Diego, CA, 3rd February 2009.

Merem, E. C. and Wesley, J. (2009). *Neighborhood associations: A cross-neighborhood comparison*. In proceedings of Paper the Urban Affairs 34th Annual Meeting Chicago, IL, March 2009.

Peer Reviewed Books Published /In Print:

Merem, E. C. (2005). *Environmental accounting for changes in farmland use: A canadian case study*. New York, NY: Edwin Mellen Press.

Merem, E. C. (2011). *Environmental accounting for oil and natural gas a north american case study*. New York, NY: Edwin Mellen Press.

Book Chapters Published

Merem, E. C. (2015). *The geographic distribution of disease and health disparity in the state of Mississippi, Chapter 7. In the state of health and health care in Mississippi*: Oxford, MS: The University of Mississippi Press

Books In Progress:

Merem, E. C. (2017). *Environmental history of African Americans: The place of African American experience in the annals of american environmentalism from plantation capitalism to the present*. New York, NY: Edwin Mellen Press.

Papers Submitted to Academic Journals:

Merem, E. C. (2012). Changing agricultural land use change for southern Louisiana. Paper submitted *Journal of Marine Science*.

Merem, E. C. (2009). The contributions of agriculture to climate change in Mississippi. Paper submitted *World Resources Review*.

Merem, E. C. (2012). Tropical landscape change and the role of agroforestry in southern Nigeria. Paper submitted to the *British Journal of the Environment and Climate Change*.

Merem, E. C. and Twumasi, Y. (2007, September). *Geospatial information systems analysis of regional environmental change along the savannah river basin of Georgia*. Poster presented at the 4th International Conference on the Latest Advances in Environmental Health Jackson, MS.

Merem, E. C., Robinson, B., and Twumasi, Y. A. (2009). Using GIS in environmental management: Green assessment of the impacts of petroleum activities in the state of Texas. Paper submitted to the *International Journal of Environmental Health*.

William, H. and Merem, E. C. (2003). African American economic imagination a dream deferred. *The Review of Black Political Economy*.

Merem, E. C., and Twumasi, Y. A. (2004). GIS applications in land management: The loss of high quality land to land development in central Mississippi from 1987-2002. *International Journal of Environmental Health Research*.

Merem, E. C. (2004). The applications of environmental policy instruments. *Environmental Policy and Law*.

- Merem, E. C. (2004). Synthesis of regional issues in international water resource management: The case of north america, the middle east and horn of Africa. *International Journal of Water Resources Development*.
- Merem, E. C. and Twumasi, Y. A. (2004). The environmental efforts of African American community development organizations. *Western Journal of Black Studies*.
- Merem, E. C. and Twumasi, Y. A. (2005). GIS and remote sensing applications in the assessment of change within a coastal environment in the Niger delta region of Nigeria. *International Journal of Environmental Health Research*.

Peer Reviewed Conference Paper Presentations:

- Merem, E, C. and Wesley, J. (2017 September). *Assessing Variations in Climate Change Parameters In The Lower West African Region*. 14th International Symposium on the Recent Advances in Environmental Health. Jackson, MS
- Merem, E, C. (2017 August). *Departmental Action Plan For the 21st Century For the DCRP*. Presented at the Campus Invitation of The Alabama A&M University. Huntsville, AL
- Merem, E, C. and Nwagboso, E. (2017 February). *Leadership, Culture and Power in the Global System*. Annual Conference of Mississippi Political Science Association, Jackson: MS
- Merem, E. C. and Wesley, J. (2017, March). *Assessing the Effects of Fuel Based Lighting: the Case of Kerosene Disasters in Nigeria*. 25th Annual AEHS Conference. San Diego, CA.
- Merem, E. C. and Wesley, J. (2017, March). *Analyzing Renewable Energy Use in Ghana: the Case of the Electricity Sector*. Race, Gender & Class Conference. New Orleans, LA.
- Merem, E. C. and Wesley, J. (2017, March). Environmental Justice and Health: Added Dimensions to Climate Change. Race, Gender & Class Conference. New Orleans, LA.
- Merem, E. C. and Wesley, J. (2017, March). *Under the Watch of MLK: Bernie Sanders' Political Revolution and Call for Social Justice*. Race, Gender & Class Conference. New Orleans, LA.
- Merem, E. C. and Wesley, J. (2017, February). *the Menace of Illegal Wildlife Trade In Sub-Saharan Africa*. 25th Joint Conference of National Association of Assessing African American Studies (NAAAS). Dallas, TX.

- Merem, E. C. and Wesley, J. (2017, April). *Urban Health, Housing, and City Planning; the Forgotten Trinity*. 47th Urban Affairs Association Annual Conference. Minneapolis, MN.
- Merem, E. C., & Wesley, J. (2016). *Regional Assessment of Energy Trends in West Africa*. 13th International Symposium on the Recent Advances in Environmental Health. Jackson, MS.
- Merem, E. C. and Wesley, J. (2016, March). *Assessing the Effectiveness of Environmental Policy Instruments in the Containment of Lead Exposure in African American Communities*. 81st Annual Conference of the Association of Social and Behavioral Scientists Inc. (ASB). Jackson, MS.
- Merem, E. C. and Wesley, J. (2016, March). *Assessing the ecological effects of mining in West Africa: The case of Nigeria*. Poster presented at 24th Annual AEHS Conference. San Diego, CA.
- Merem, E. C. and Wesley, J. (2016). *Incorporating Social Justice in Planning Education Curriculums*. Race, Gender & Class Conference. New Orleans, LA.
- Merem, E. C. and Wesley, J. (2016). Analyzing the Impacts of Globalization on Major Areas: The Case of Lagos, South West Nigeria. *Race, Gender & Class Conference*. New Orleans, LA.
- Merem, E. C. and Wesley, J. (2016). *Analyzing Water Management Issues Using GIS in West Africa the Case of Nigeria*. 10th National Water Quality Association Conference NWAQC. Tampa, FL.
- Merem, E. C. and Wesley, J. (2016). Water and African Americans in Environmental History. 24th Joint Conference of National Association of African American Studies (NAAAS). Baton Rouge, LA.
- Merem, E. C., Wesley, J., Leggett, S. (2016, February). *Black home ownership and housing: More than an aspiration*. Poster presented at National Association for African American Studies and Affiliates Conference. Baton Rouge, LA.
- Merem, E. C. and Wesley, J. (2015, September). *Ecosystem liabilities of oil and gas activities in southern nigeria*. Poster presented at 12th International Symposium on the Recent Advances in Environmental Health, Jackson, MS.
- Wesley, J., Merem, E. C., and Odom, L. (2015). *A Closer Look at Diversity: Non-Black Students Enrolled in Planning Programs at Historically Black Colleges and Universities*. Association of Collegiate Schools of Planning. Houston, TX.
- Merem, E. C. and Wesley, J. (2015, March). *The Environmental impacts of farm subsidy in the Mississippi delta using GIS*. Poster presented at 25th Annual AEHS Conference, San Diego, CA.

- Merem, E. C. and Wesley, J. (2015). *The Growing Issue of Mercury Exposure in the African American Community*. Paper presented at 23rd Joint Conference of National Association of African American Studies (NAAAS), Baton Rouge, LA.
- Merem, E. C. and Wesley, J. (2014, September). *The geography of wind energy in the midwest region of the united states using analysis*. Poster presented at the 11th International Symposium on the Recent Advances in Environmental Health, Jackson MS.
- Merem, E. C. and Wesley, J. (2014). *Exploring the Demographic Dimensions and Expressions of Hispanic Latino Lesbians, Gays, Bisexuals and Transgenders*. Paper presented at National Association of African American Studies (NAAAS), Eastern Regional Conference, Tampa, FL.
- Merem, E. C. and Wesley, J. (2014). *Analyzing the Impacts of Climate Change on African American Communities in the United States*. Paper presented at 22nd Joint Conference of National Association of African American Studies (NAAAS), Mississippi College, Jackson, MS.
- Merem, E. C. and Wesley, J. (2014). *GIS Assessment of the Ecological Impacts of Farm Landscape Change in South Carolina Lower Region*. Presented at the National Water Quality Association Conference NWAQC, Cincinnati, OH.
- Merem, E. C. and Jackson, W. (2014, October). *The analysis of lead pollution*. Poster presented at the Joint Fall Conference of the Mississippi and Alabama Chapters of the American Planning Association Conference, Tupelo, MS.
- Merem, E. C. and Wesley, J. (2014, March). *GIS analysis of environmental issues in lower savannah watershed*. Poster presented at 24th Annual AEHS Conference, San Diego, CA.
- Merem, E. C. and Wesley, J. (2014). *Rural Tourism in Mississippi: Leveraging Assets, Diversifying the Economy*. Paper presented at the Urban Affairs Association 44rd Annual Conference, San Antonio, TX.
- Merem, E. C. and Wesley, J. (2013, September). *GIS analysis of shifting farm landscape in northern Louisiana region*. Poster presented at the 10th International Symposium on the Recent Advances in Environmental Health, Jackson, MS.
- Merem, E. C. and Wesley, J. (2013, March). *Environmental justice issues in the Gulf of Mexico region*. Poster presented at EPA Environmental Justice Conference on the Gulf of Mexico, Biloxi, MS.
- Merem, E. C. and Wesley, J. (2013). *Hispanics In Mississippi: Creating Sense of Place in Urban Spaces and Rural Spaces*. Paper presented at the Urban Affairs Association 43rd

Annual Conference. Building the 21st Century City, Inclusion, Innovation and Globalization, San Francisco, CA.

Merem, E. C. and Wesley, J. (2013). *Analyzing Environmental Conservation Issues Along the Lower Savannah Watershed*. Abstract accepted for presentation at the 13th National Watershed Conference, Tunica, MS.

Merem, E. C. and Wesley, J. (2013, March). *Analyzing the changing agricultural landscape of northern Louisiana using GIS*. Poster presented at the AEHS Conference, San Diego, CA.

Merem, E. C. and Wesley, J. (2012). *A Comparative Approach to Building Capacity and Strengthening Organizational Infrastructure in Environmental Justice Communities*. US EPA, Region IV EJ Conference Atlanta, GA.

Merem, E. C. Richardson, C., Wesley, J., and Miller, K. (2012, September). *Geospatial assessment of agricultural landscape variations in the northern Mississippi region*. Poster presented at the 9th International Symposium on the Recent Advances in Environmental Health, Jackson, MS.

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- Merem, E. C. and Twumasi, Y. A., Coleman, T. L., and Manu, A. (2007). *Mapping seasonal flooding in Sub-Saharan Africa using temporal remote sensing data*. Paper presented at the American Society for the Photogrammetry and Remote Sensing (ACSM-ASPRS) Annual Convention and Exhibition, Tampa, FL.
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- Merem, E. C., Twumasi, Y. A., Manu, A., Coleman, T. L., Amamoo-Otchere, E., Petja, B. M., and Osei, A. (2007). *Climate change and biodiversity in tropical Africa rain forests*. Paper presented at the First International Conference on Environmental Research, Technology, and Policy: Building Tools and Capacities for Sustainable Production, Accra, Ghana.
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- Merem, E. C. (2006). *The analysis of current issues in water use within the agricultural sector: A south east and western perspective*. Paper presented at the USDA-CSREES National Water Conference, San Antonio, TX.
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Merem, E. C. (2005, June). *The agroforestry systems of West Africa: the case of Nigeria.* Poster presented at the Ninth North American Agroforestry Conference at the University of Minnesota, St Paul, MN.

Merem, E. C. (2005, April). *The role of ecotourism in the preservation of natural areas: The case of the African American Community.* Paper presented at the Annual Meeting of the American Society for Applied Anthropology, Santa Fe, NM.

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- Merem, E. C. (2005). *Water quality monitoring in rural Mississippi*. Paper presented at The USDA-CSREES National Water Quality Conference, San Diego, CA.
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- Merem, E. C. and Twumasi, Y. A. (2004). *Deforestation and GIS application to forest management in Nigeria*. Paper submitted at the 5th Annual Meeting of the African Association of Remote Sensing of the Environment, Nairobi Kenya, KN.
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- Merem, E. C. (1998). *Applications of environmental accounting in Canada's oil industry*. Paper presented at the Annual Meeting of the Environmental Studies Association of Canada, Ottawa, ONT.

Peer Reviewed Abstracts

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- Merem, E. C. and Twumasi, Y. A., and Osei, A. “*The Applications of Geospatial Information Technology in Land Management: A Case Study of Lagos Nigeria,*” abstract, Fifth GSDI-9 Conference, (November 3-11, 2006).
- Merem, E. C., and Twumasi, Y. A. “*Using GIS and remote sensing in the analysis of ecosystem decline along the River Niger basin: The case of Mali and Niger,*” abstract, 3rd Annual International Conference on the Latest Advances in Environmental Health, (September 17-19, 2006).

- Merem, E. C. “*The effects of human activities in the use of international river systems: The case of Lake Chad Basin,*” abstract, accepted and presented at the International Conference on Rivers and Civilization: Multidisciplinary Perspectives on Major River Basins Conference, (June 25-28, 2006).
- Merem, E. C. and Twumasi, Y. A. “*Watershed management using remote sensing: The case of River Niger Delta of southern Nigeria,*” abstract, accepted and presented at the Annual Conference of the American Society for Photogrammetry and Remote Sensing, (June 7, 2006).
- Merem, E. C. and Twumasi, Y. A. “*GIS and remote sensing applications in the hydrogeology of Sub-Saharan Africa: The case of multinational management of the River Niger Water Basin,*” abstract, accepted and presented at the National Water Monitoring Conference, (May 7-11, 2006).
- Merem, E. C., Twumasi, Y. A., and Osei, A. “*Use of remote sensing data to detect environmental degradation in coastal region of southern Nigeria,*” abstract, accepted and presented at the International Society for Photogrammetry and Remote Sensing (ISPRS), Mid Term Symposium. (May 8-11, 2006).
- Merem, E. C. and Twumasi, Y. A. (2006, April). *GIS applications in global environmental protection: The case of environmental monitoring of fossil fuel emission from oil and gas activities.* Poster and paper abstract accepted and presented at the 17th Global Warming International Conference and Expo, Miami, FL.
- Merem, E. C. and Twumasi, Y. A. (2006, March). “*GIS and remote sensing assessment of oil and gas impacts in a tropical ecosystem. The case of Niger Delta of Nigeria.*” Poster abstract, presented and accepted at the 16th Annual Meeting of the National Association for Environmental Health and Sciences, San Diego CA.
- Merem, E. C. “*The analysis of current issues in water use within the agricultural sector: A south east and western perspective,*” abstract, presented and accepted at the USDA-CRESS National Water Conference, (February 5-9, 2006).
- Merem, E. C. “*Using geo-spatial information systems as decision support tool in agricultural education: The case of agricultural land use monitoring in the Ottawa Region and central Mississippi,*” abstract, presented and accepted USDA Agricultural GIS Education Symposium, (January 20, 2006).
- Merem, E. C. “*GIS and remote sensing applications in watershed management in Sub Saharan Africa,*” abstract, presented and accepted at the U.S. Geological Survey (USGS) Earth Resources Observation and Science (EROS) Summer Institute and Symposium, (September 19-21, 2005).
- Merem, E. C. and Twumasi, Y. A. “*GIS and remote sensing applications in the assessment of change within a coastal environment in the Niger Delta region of Nigeria,*” abstract,

presented and accepted at the 2nd Annual International Conference on the Latest Advances in Environmental Health, (September 2005).

Merem, E. C. “*The role of international environmental conventions in land management,*” abstract presented and accepted at the Annual Conference of the American Society for Soil and Water Conservation, (August 2005).

Merem, E. C. “*The effects of toxic chemicals in forest vegetation management. A review of the incidents in selected forest regions of the United States,*” abstract, presented and accepted at the 5th International Conference on Forest Vegetation Management at Oregon State University, (June 20, 2005).

Merem, E. C. (2005, June). “*The agroforestry systems of West Africa: The case of Nigeria,*” Poster presented at the Ninth North American Agroforestry Conference at the University of Minnesota, St Paul, MN.

Merem, E. C. “*The role of ecotourism in the preservation of natural areas: The case of the african american community.*” abstract, presented and accepted at the Annual Meeting of the American Society for Applied Anthropology, (April 5, 2005).

Merem, E. C. “*The Environmental Effects of Urban Sprawl On The Quality of Public Parks: A Comparative Analysis of Park Management Approaches In the Face of Sprawl In North and South Jackson of Central Mississippi,*” abstract, presented and accepted at the Interdisciplinary Conference: New Visions of Suburban Life at the Center for Suburban Studies Hofstra University, (March 18, 2005).

Merem, E. C. “*Issues in wild life habitat conservation: The current initiatives in the south east, the case of Mississippi,*” abstract, presented and accepted at the 82nd Annual Meeting of the Alabama Academy of Sciences, Birmingham Southern College University, (March 16, 2005).

Merem, E. C. and Twumasi, Y. A. “*GIS and remote sensing applications in coastal zone resource management: An analysis of the environmental Impacts of Development in the Mississippi Gulfport Region,*” abstract, submitted at the Annual Conference of the American Society for Photogrammetry and Remote Sensing, (March 7, 2005).

Merem, E. C. “*Water quality monitoring in rural Mississippi,*” abstract, presented and accepted at the USDA-CSREES National Water Quality Conference, (February 7, 2005).

Merem, E. C. “*Environmental accounting for oil and natural gas in Texas, Louisiana and Mississippi from 1967-2000,*” abstract, presented and accepted at the Jackson State University Center for University Scholars during the Jackson State University Annual Symposium Faculty Scholars, (November 4, 2004).

- Merem, E. C. and Twumasi, Y. A. “*Deforestation and GIS application to forest management in Nigeria,*” abstract, accepted at the 5th Annual Meeting of the African Association of Remote Sensing of the Environment, (October 19, 2004).
- Merem, E. C. and Twumasi, Y. A. (2004, September). *GIS applications in land management: The loss of high quality land to land development in central Mississippi from 1987-2002.* Poster paper abstract presented and accepted at the First International Symposium on Recent Advances in Environmental Health Research, Jackson, MS.
- Merem, E. C. and Twumasi, Y. A. “*GIS applications in growth management: The case of central Mississippi,*” abstract, presented and accepted at the Annual Conference of the American Society for Photogrammetry and Remote Sensing, (May 28, 2004).
- Merem, E. C. “*Landlessness in the black farming community: The way out,*” abstract, presented and accepted at the Fourth Annual Conference of the University of Wisconsin-Madison Land Tenure Center’s North American Program, (May 25, 2004).
- Merem, E. C. “*Multi-jurisdictional issues in international water quality monitoring: The case of Lake Chad Basin in West Africa,*” abstract, presented and accepted presented at the Fourth National Monitoring Conference: Building and Sustaining Successful Monitoring Programs, (May 17-20, 2004).
- Merem, E. C. and Twumasi, Y. A. “*Analysis of trends on forested land areas: The case of Mississippi,*” abstract presented and accepted at the Annual Meeting of the Alabama Academy of Sciences, University of Montevallo, (March 19, 2004).
- Merem, E. C. and Twumasi, Y. A. “*The environmental initiatives of community based development organizations: the case of the federation of southern cooperatives of Alabama,*” abstract, presented and accepted at the Annual Meeting of the Alabama Academy of Sciences, Jacksonville State University, (March 22, 2003).
- William, H. and Merem, E. C. “*African American economic imagination a dream deferred,*” abstract, presented and accepted at 26th Annual Meeting of Black Studies Conference, Olive Harvey College, (April 2003).
- Merem, E. C. “*Application of environmental accounting in Canada’s oil industry,*” abstract, presented and accepted at the Annual Meeting of the Environmental Studies Association of Canada, (June 1998).

Research Fellowship, Grants and Awards

- Merem, E. C. and Wesley, J. “The Growing Issue of Mercury Exposure in the African American Community.” Title III research grant funded by JSU Center for University Scholars. Amount awarded, \$1,200. Paper presented at 23rd Joint Conference of

National Association of African American Studies (NAAS), Baton Rouge, LA, February 9-14, 2015.

Merem, E. C. and Wesley, J. "GIS Assessment of the Ecological Impacts of Farm Landscape Change in South Carolina Lower Region." Title III research grant funded by JSU Center for University Scholars. Amount award, \$1,200. Paper presented at the National Water Quality Association Conference NWAQC, Cincinnati, OH, April 28-May 2, 2014.

Merem, E. C. DHS Scientific Leadership Awards For Minority Serving Institutions Granting Bachelors' Degrees. Project in the Department of Biology. Amount awarded, \$2,000. July of 2012.

Merem, E. C., Isokepechi, E., and others. "Scientific Leadership in Quantitative Microbial Risk Assessment." Amount awarded, \$500,000 (collaborator). September 1, 2011 to August 31, 2014.

Merem, E. C. "Environmental History of African Americans: The Case of Mining Towns and African Americans". Funded research through the Office of the College Dean. Amount awarded, \$ 500. The 20th Annual National Association of African American Studies and Affiliates NAAAS Conference, Baton Rouge, LA, February 13-18, 2012.

Merem, E. C. "Using GIS to Analyze the Changing Agricultural Landscape of Southern Louisiana." Title III research grant funded by the JSU Center for University Scholars. Amount awarded \$1,200. National Water Quality Association Conference NWAQC, Portland, OR, April 2012.

Merem, E. C. "Using Climate Risk Information in Assessing the Vulnerability of Coastal Areas In The Southeast: The Case of Louisiana and Mississippi." Title III research grant funded by JSU Center for University for Scholars. Amount awarded, \$1,250. CIMRI Conference, Orlando, FL, May 24-27 2011.

Merem, E. C. "The Analysis of Brownfields Land Reuse Programs: The State of Mississippi." Amount awarded, \$1,120. Research funded by the US EPA and the Institute For Environmental Studies of the University of Massachusetts at Amherst for the International Sustainable Remediation Conference, Amherst, MA, June 1-3, 2011.

Merem, E. C. Researcher of the Year Award Fund from College of Public Service, Jackson State University for Outstanding Achievements in Research. Amount awarded, \$500. Redeemed for Faculty and Student Conference Research, Jackson, MS, April 2011.

Merem, E. C. "Analyzing the Effects of Human Activities on Agricultural watersheds in Southern Texas." Title III research grant funded by JSU Center for University

Scholars. Amount awarded, \$1,250. 2010 Land Grant and Sea Grant National Water Conference, Hilton Head, SC, February 21-25, 2010.

Merem, E. C. and the Southern Regional Group. "Evaluation of State Water Plans in the Southern Region." Amount, \$44,102. Federal grant submitted to the USDA, 2010.

Merem, E. C. and the Southern Regional Group. "Residential Water Conservation Strategies Regional Outreach Program." Amount, \$44,253. Federal grant submitted to the USDA, 2010.

Merem, E. C. "Climate Change Education for High Schools in Central Mississippi." Amount \$20,000. Federal grant submitted to NASA Federal.

Merem, E. C. and Twumasi, Y. A. "Improved Understanding of the Niger Delta Environment." Amount \$450,000. Federal grant submitted to the US National Geospatial Intelligence Agency (NGA) and the National Space Research and Development Agency (NARSDA), Nigeria, 2010.

Merem, E. C. Researcher of the Year Award, College of Public Service Jackson State University for Outstanding Achievements in Research 2006\2007 Year, Jackson MS, May 9, 2008.

Merem, E. C. Researcher of the Year Award, College of Public Service Jackson State University for Outstanding Achievements in Research, Jackson, MS, May 12, 2006.

Merem, E. C. Researcher of the Year Award, College of Public Service Jackson State University for Outstanding Achievements in Research, Jackson, MS, April 2005, (Amount awarded, \$200).

Merem, E. C. "African Americans in the Annals of American Environmentalism" Fellowship research proposal submitted to Fletcher Foundation, Boston, MA, October 2004.

Merem, E. C. "Environmental Accounting for Oil and Natural Gas in Texas, Louisiana and Mississippi from 1967-2000," Award winning research proposal funded by the Jackson State University Summer University Scholars Program, Jackson, MS, April 2005, (Amount awarded, \$8,000).

Merem, E. C. "The Regional Planning Aspects of the Methodology in the Ghana Project" Joint federal grant proposal submitted to the Millennium Development Agency of Ghana MDA, Accra, June 2007, (Amount, \$1,000,000).

Merem, E. C. "GIS and Remote Sensing Applications in watershed management in Sub Saharan Africa," Grant scholarship offered by the U.S. Geological Survey (USGS) Earth Resources Observation and Science (EROS), Sioux Falls, SD, September 2005, (Amount, \$1,700).

Merem, E. C. "Using Geo-Spatial Information Systems as Decision Support Tool in Agricultural Education: The Case of Agricultural Land Use Monitoring in the Ottawa Region and Central Mississippi," Symposium Grant from the USDA for the Agricultural GIS Education Symposium Pismo Beach, San Louis Obispo, CA, January 20, 2006, (Amount, \$1,600).

Merem, E. C. "The Analysis of Agro-Environmental Ethics Among Black Farmers," funded through the Faculty Development Fund That Covered the Black Environmental Thought Conference, Tuskegee University, Auburn, AL, May 22-24, 2007, (Amount, \$500).

Merem, E. C. Technical Adviser and Co Grant Writer: "Youth Development: A Deterrent to Violence and Juvenile Crime," for a non-profit organization, Mississippi Action for the Poor (MAP), Jackson, MS, Fall 2003.

Merem, E. C. and Twumasi, Y. A. "Observation and Longterm Monitoring of Coastal Environments of Mississippi and Alabama Using Geospatial Information Science," DOE National Institute for Climate Change Research Proposal, Huntsville, AL, 2006.

Merem, E. C. and Twumasi, Y. A. "GIS and Remote Sensing Application in the Assessment of Change Within a Coastal Environment in the Niger Delta Region of Nigeria, Huntsville, Alabama," research funded in part by Alabama A&M University Center for Hydrology and Remote Sensing HSCaRS Center through the National Aeronautics and Space Administration NASA Grant Number NAGS-10721, Journal no. 582, Huntsville, Alabama, 2006, (Amount, \$5,373,571).

Merem, E. C. and Twumasi, Y. A. "GIS Based Analysis of Growth Management and Environmental Decline of the Central Mississippi Region Huntsville Alabama," research funded in part by Alabama A&M University Center for Hydrology and Remote Sensing HSCaRS Center Through the National Aeronautics and Space Administration NASA Grant Number NAGS-10721, Journal no. 595, Huntsville, AL, 2004, (Amount, \$5,373,571).

Merem, E. C. "Landlessness in the Black Farming Community: The Way Out," research grant funded by the University of Wisconsin-Madison Land Tenure Center's North American Program, Madison, WI, May 25, 2004, (Amount, \$1,400).

Session Rapporteur/ Discussant:

Rapporteur: “Facility Design for Pedestrian Safety”

The Pedestrian Safety Conference of the Department of Geography, University of Ottawa and the Regional Municipality of Ottawa-Carleton, Ottawa ONT. April 1996.

Discussant: “Public and Private Benefits and Costs on the Federal Community Pastures” A Summary of Stakeholders’ Panel Discussion. Department of Agriculture and Agri-Food Canada and the Prairie Farm Rehabilitation Administration, Department of Agricultural Economics, University of Saskatchewan, Saskatoon, SK, June 5, 2002.

Conference Session Moderator in the 1st Student Planning Conference, Emerging Issues in Southern Cities: in Jackson, MS, March 25-26, 2011.

Community Forum Moderator, “A Place Based Approach for Environmental Justice and Equitable Development” by Carlton Eley. Organized by the Department of Urban and Regional Planning, Jackson State University and The APA Mississippi Chapter. Jackson, MS, November 19, 2010.

Professional Positions:

Research Assistant, Department of Urban and Regional Planning, Jackson State University, Jackson, MS, January 2003-August 2003.

Assistant Professor, Department of Urban and Regional Planning, Jackson State University, Jackson, MS, August 2003-2008.

Associate Professor, Department of Urban and Regional Planning, Jackson State University, Jackson, MS, August 2008- 2013

Full Professor, tenured, Department of Urban and Regional Planning, Jackson State University, Jackson, MS, August 2013- present

Undergraduate Program Advisor in Urban Affairs, Department of Urban and Regional Planning, Jackson State University, Jackson, MS, August 2003-2004.

Master’s Degree Program Advisor in Urban and Regional Planning, Department of Urban and Regional Planning, Jackson State University, Jackson, MS, August 2005-2006.

Faculty Member, Executive PhD Program in Urban Education, Jake Ayers Research Center, Jackson State University, Jackson, MS, January 2004.

Resident PhD Comprehensive Exam Curriculum Reviewer, Department of Urban and Regional Planning, Jackson State University, Jackson, MS, January 2004-

Former Student Representative, Mississippi Chapter of the American Planning Association (MAPA), Jackson, MS, 2002-2003.

PhD Program Coordinator and Advisor, Department of Urban and Regional Planning, Jackson State University, Jackson, MS, August 2006-August 2012.

Associate Editor for Climate Change and Environment, *International Journal of Scientific Research and Reports* under the Science Domain, August 2012.

Invited Reviewer, *International Journal of Scientific Research and Reports*, August 2012.

Editorial Board Member, *British Journal of Education, Society and Behavioral Sciences*, February 2012.

Invited Reviewer, *British Journal of Education, Society and Behavioral Sciences*, February 2012.

Invited Reviewer, *International Journal of Applied Water Science*, June 2012.

Invited Reviewer, *International Journal of Anthropology and Society*, 2012.

Invited Reviewer, *International Journal of Physical Sciences*, 2012.

Invited Reviewer, *British Journal of Environment and Climate Change*, 2012.

Invited Reviewer, *Journal of Applied Geography*, 2011.

Invited Academic Journal Reviewer, *Journal of Applied Remote Sensing*, 2009.

Invited Academic Journal Reviewer, *Journal of Journal of Arid Environment*, 2009.

Invited Academic Journal Reviewer, *Polish Journal of the Environment*, 2009.

Invited Academic Journal Reviewer, *Journal of Environmental Monitoring and Assessment Sciences*, 2009.

Invited Academic Journal Reviewer and Editorial Board Member, *Open Demography Journal*, 2008-

Invited Journal Reviewer, *Pakistani Journal of Sciences*, 2008.

Invited Academic Journal Reviewer, *International Journal of the Chemosphere*, 2007.

Academic Journal Reviewer, *International Journal of the Latest Advances in Environmental Health*, 2007–present.

Book/Manuscript Reviewer: Urban Neighborhood Revitalization and Heritage Conservation the Architecture of Urban Redesign, by Chukwunyere Ugochukuwu, for Edwin Mellen Press, NY, 2006.

Invited Book Manuscript Reviewer, Edwin Mellen Press, NY, 2011.

Invited Session Moderator, 1st Student Planning Conference, Emerging Issues in Southern Cities, Jackson, MS, March 25-26, 2011.

Community Forum Moderator during the Community Issues Forum “A Place Based Approach for Environmental Justice and Equitable Development,” by Carlton Eley. Organized by the Department of Urban and Regional Planning, Jackson State University and the APA Mississippi Chapter, Jackson, MS, November 19, 2010.

Invited Session Organizer, 12th World Multi-Conference on Systemics, Cybernetics and Informatics, Orlando, FL, June 20, 2008.

Annual Science Fair Judge, Mississippi Region Annual Science, Engineering and Technology Fair, since 2009.

Invited Faculty Dissertation Committee Member, Technical University of Stuttgart, Germany.

Environmental Analyst, Environment Bureau, Agriculture and Agri-Food Canada, Ottawa ONT, April 2002-October 2002.

Teaching Assistant, University of Ottawa, Department of Geography, Ottawa, ONT, January 1996-April 2001.

Research Assistant, University of Ottawa, Institute for Environment and Economy, Ottawa, ONT, January 1996-June 1997.

Teaching Assistant, York University, Department of Sociology, North York, ONT, September 1994-April 1995.

Graduate Assistant, York University, Faculty of Environmental Studies, Office of the Dean North York, ONT, September 1993-August 1994.

Professional Memberships:

Member of the American Planners Association (APA)

Member of the Mississippi Chapter of American Planners Association (MAPA)

Member of the Energy, Natural Resources and the Environment Group of APA

Member American Association of Collegiate Schools of Planning (ACSP)

University and Community Service:

Member of Various PhD Dissertation Committees, Department of Urban and Regional Planning Jackson State University Jackson, MS, August 2003-

Departmental Senate Representative, JSU Faculty Senate 2007 – Present

PhD Dissertation Panelist and Examiner, during the Defense of “Environmental Justice and Public Participation: An Examination of Public Involvement and Environmental Permitting of Municipal Solid Waste Landfills In Mississippi: 1997-2002,” by Joan Wesley. Dissertation submitted to the Graduate School, Jackson State University in partial fulfillment of the requirements for Degree of Doctor of Philosophy, June 2004.

PhD Dissertation Panelist and Examiner, during the Defense of “Culture/Heritage Conservation and Neighborhood Revitalization in the Urban Design Context: Context Patterns In Spatial Forms,” by Chukwunyere Ugochukwu. Dissertation submitted to the Graduate School, Jackson State University in partial fulfillment of the requirements for Degree of Doctor of Philosophy, December 2004.

PhD Dissertation Panelist and Examiner, during the Defense of “Beyond Williamsburg: The Juxtaposition of Historic Preservation and Community Development in the African American Community,” by Kim Hillard. Dissertation submitted to the Graduate School, Jackson State University in partial fulfillment of the requirements for Degree of Doctor of Philosophy, January 2007.

PhD Dissertation Panelist and Examiner, in the Defense of “Individual Development Accounts (IDAs) As an Asset Building Tool for Moving People Out of Poverty,” by Angela Gobar. Dissertation submitted to the Graduate School, Jackson State University in partial fulfillment of the requirements for Degree of Doctor of Philosophy, May 2008.

PhD Dissertation Panelist and Examiner, in the Defense of “Black Female Planners Factors Influencing Their Decision to Enter the Planning Profession,” by Laronda Odum. Dissertation submitted to the Graduate School, Jackson State University in partial fulfillment of the requirements for Degree of Doctor of Philosophy, April 2005.

PhD Dissertation Panelist, Examiner Committee Chair, in the Defense of “The Restoration of Rocky Mountain Arsenal Habitat,” by Romorno Corney. Dissertation submitted to the Graduate School, Jackson State University in partial fulfillment of the requirements for Degree of Doctor of Philosophy, December/April 2008.

PhD Dissertation Panelist, Examiner Committee Chair, in the Defense of “Urban Economic Development: The Impact of Economic Variations On Recruiting and Retaining Industrial Businesses In Birmingham, AL; Jackson, MS and Memphis, TN from 1990-2000 Census.” Dissertation Proposal submitted to the Graduate School, Jackson State

University in partial fulfillment of the requirements for Degree of Doctor of Philosophy, December 2009.

PhD Dissertation Panelist, Examiner Committee Chair, in the Defense of “The Restoration of Rocky Mountain Arsenal Habitat,” by Romorno Corney. Dissertation Proposal submitted to the Graduate School, Jackson State University in partial fulfillment of the Requirements for Degree of Doctor of Philosophy, December, April 2012.

PhD Dissertation Panelist, Examiner Committee Chair, in the Defense of “The Analysis of the Importance Indigenous Knowledge: The Case of Nicaragua Latin America,” by Ericilia Dometz. Dissertation Proposal still in progress for the Graduate School, Jackson State University towards partial fulfillment of the requirements for Degree of Doctor of Philosophy, December, April 2013.

PhD Dissertation Panelist, Examiner Committee Chair, “The Analysis of the Social Determinants of Obesity; The Case of Mississippi,” by Audrey White. Dissertation Proposal still in progress for the Graduate School, Jackson State University towards partial fulfillment of the requirements for Degree of Doctor of Philosophy, December April 2013.

PhD Dissertation Panelist, Examiner, Committee Co- Chair, in the Defense of “The Role of the Three Community Development Corporations in the Revitalization of Housing in New Orleans Louisiana’s Lower Ninth Ward Post Katrina,” by Gary Crosby. Dissertation defended and submitted to the Graduate School, Jackson State University in partial fulfillment of the requirements for Degree of Doctor of Philosophy, April 2012.

PhD Dissertation Panelist and Examiner, in the Defense of “Job Creation and Retention: An Analysis of the Mid Delta Empowerment Zone,” by Rodney Beck. Dissertation Proposal submitted to the Graduate School, Jackson State University in partial fulfillment of the requirements for Degree of Doctor of Philosophy, November 2010.

PhD Dissertation Panelist and Examiner, in the Defense of “Female Ex-Offenders and Their Unique Challenges in Their Search for Community and Housing in Central Mississippi,” by Valerie Purry. Dissertation submitted to the Graduate School, Jackson State University in partial fulfillment of the requirements for Degree of Doctor of Philosophy, March 2013.

PhD Dissertation Panelist and Examiner, in the Defense of “Historic Preservation: Advocating Tax Credits to Assist in Alleviating Housing Crisis,” by Dafine Forster. Dissertation submitted to the Graduate School, Jackson State University in partial fulfillment of the requirements for Degree of Doctor of Philosophy, November 2012.

PhD Dissertation Panelist, Examiner, in the Defense of “Recidivism Programs For Offenders,” by Jonny Amasa-Annang. Dissertation submitted to the Graduate School, Jackson State University in partial fulfillment of the requirements for Degree of Doctor of Philosophy, September 2012.

PhD Dissertation Panelist, Examiner, in the Defense of “Urban Slums to Thriving Urban Centers: The Impact of Queer Space in East Atlanta Village, Midtown, Little Five Points, and Inman Park” Neighborhoods in Atlanta, Georgia,” by Jasmine Williams-Washington. Dissertation submitted to the Graduate School, Jackson State University in partial fulfillment of the requirements for Degree of Doctor of Philosophy, September 2016.

PhD Dissertation Panelist, Examiner, in the Defense of “A Study of The Role of Selected Urban Parks for Flash Flood Mitigation: A case of Tucson Arizona, 2011-2016,” by Mercy Shenge. Dissertation proposal submitted to the Graduate School, Jackson State University in partial fulfillment of the requirements for Degree of Doctor of Philosophy, January 2017.

PhD Dissertation Panelist, Examiner, in the Defense of “Analyzing Foreclosure Trends of the Southern Region of California from 2008 to 2015,” by Erica Green. Dissertation proposal to be submitted to the Graduate School, Jackson State University in partial fulfillment of the requirements for Degree of Doctor of Philosophy, April 2017.

MA Thesis Panelist, Examiner, Committee Chair, in the Defense of “Using Smart Growth to Develop Sustainable Retirement Communities in Mississippi,” by Akili Kelley. Thesis defended and submitted to the Graduate School, Jackson State University in partial fulfillment of the requirements for Master Degree in Urban Planning December 2012.

Advisor and Patron, African Students Association, Jackson State University, Fall of 2003-Present.

Member Academic Affairs New Academy Advisory Group representing the College of Public Service, Jackson State University, Spring 2008-2009.

Member College of Public Service Strategic Planning Committee representing the School of Policy and Planning, Jackson State University, Spring 2008-2009.

Member College of Public Service Doctoral Dissertation Quality Review Committee representing the School of Policy and Planning, Jackson State University, Spring 2008-present.

Member Academic Affairs Outstanding Achievement Award Committee representing the College of Public Service, Jackson State University, Fall 2008-2009.

Member University Scholarship Committee representing the College of Public Service, Jackson State University, Fall 2007-2008.

Member University Wide Committee on the Development of African Studies Curriculum for Teaching, Jackson State University, Spring 2007.

Member Faculty Tenure and Promotion Committee, College of Public Service, 2009, 2012, and 2013.

Member Faculty Tenure and Promotion Committee, Department of Urban and Regional Planning, 2008, 2009, 2012, and 2013.

Member, Faculty Tenure and Promotion Committee, Department of Public Health Policy and Administration, 2008.

Member, Faculty Tenure and Promotion Committee, Department of Public Policy and Administration, 2008.

Team Leader and Reviewer, Department of Urban and Regional Planning during the Planning Board Accreditation Site Visit in 2008 and 2009.

Faculty Senate Representative, Department of Urban and Regional Planning, Jackson State University Jackson, MS, August 2006/2007 – Present.

Faculty Member, University Grievances Committee, School of Policy and Planning, Jackson State University, Jackson, MS, August 2006-August 2007, and 2012/2013.

Chair, Faculty Admission Committee, Jackson State University, Department of Urban and Regional Planning, Jackson State Jackson, MS, August 2006/2007.

Chair, Faculty Search Committee on New Professors, Spring 2006 – Present.

Member, Faculty Search Committee in charge of screening applications for the Department's Interim Chair, Spring 2006.

Faculty Member, E-city Committee and Advisor on Environmental Impact Assessment, Department of Urban and Regional Planning, Jackson State University, Jackson, MS, August 2003-04.

School Representative, College Articulation Agreement Workgroup for Mississippi Board of Trustees of State Institutions of Higher Learning and the Mississippi State Board for Community and Junior Colleges. School of Policy and Planning, Jackson State University, Jackson, MS, Fall 2003-04.

Member, Higher Education Appreciation Day Working for Academic Excellence (HEADWAE) Awards Committee, Jackson State University Jackson, College of Public Service, Jackson, MS, August 2003-2004.

Analyst and Faculty Member, Fonderen Community Pedestrian Safety and Transportation Survey Team, Jackson State University, Department of Urban and Regional Planning.

Chair Faculty PhD Comprehensive Exam Committee, Jackson State University, Department of Urban and Regional Planning, Jackson, MS, September 2005-present.

Technical Adviser and Co Grant Writer, "Youth Development: A Deterrent to Violence and Juvenile Crime," for a non-profit organization, Mississippi Action for the Poor (MAP), Jackson, MS, Fall 2003

Judge, Annual Science Contest, Davis Magnet School, Jackson, MS, Fall 2002 and Spring 2005.

Judge, Annual Science and Engineering Fair for Mississippi High School Students on behalf College of Engineering and Science, Jackson, MS, Spring 2009- present.

Member U.S. Geological Survey (USGS) Earth Resources Observation and Science (EROS) Scientific Consortium on the Application of Remote Sensing Technologies in Teaching and Research Activities, Sioux Falls, SD, September 2005-

Languages:

English
Italian
Spanish
Igbo
Yoruba
French

Computer Skill:

Word Perfect
Excel 2010
Arc GIS
SPSS

Interests:

Soccer
Boxing

Reading
Writing
Traveling
Socio-Linguistics
Geo-strategy

References:

Dr. Emmanuel Nwagboso
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