

NOEL M. ESTWICK, Ph.D.

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Education
2012

Texas Southern University, Houston, TX. Ph.D., Department of Urban Planning & Environmental Policy

Advisor: Dr. Lalita Sen, Professor

Dissertation Research: *Evaluating Shelter Provisions for Populations with Access and Functional Needs: A Case Study of the Greater Houston Region*

2001

Prairie View A&M University, Prairie View TX. Master's degree in general Business Administration (MBA)

1999

Prairie View A&M University, Prairie View, TX. Bachelor of Science degree in Computer Engineering Technology

Experience

2021- present

Chair, Human Sciences Program, College of Agriculture and Human Sciences, Prairie View A&M University, Prairie View TX.

2019- present

Assistant Professor, College of Agriculture and Human Sciences, Prairie View A&M University, Prairie View TX.

2017- 2019

Research Scientist, Social Systems & Allied Research Group, Cooperative Agricultural Research Center **Research interests:** emergency management, food security, public participation GIS, the application of GIS in land management, STEM education and health disparities

2004- 2018

Prairie View A&M University, Prairie View TX. Information Specialist, College of Agriculture & Human Sciences,

- Participated on a team that developed a strategic planning document for Waller County, TX.
- Participated on a team that developed the Disaster Planning SOPs for the University Research Farm Laboratory
- Participated in grant writing
- Facilitated the Waller County ReadyCommunity Disaster Preparedness Pilot Project
- Applied GIS and related technologies to improve farm management practices
- Applied GIS for creating Web mapping applications for teaching in the field of Agro-Environmental Sciences
- 2009 – 2012, Chaired, CAHS GIS Day Planning Committee, Prairie View TX.

Teaching Assignments

Spring 2008 - Spring 2009,

Fall 2016 - present

Prairie View A&M University, Prairie View, TX. Adjunct Instructor, College of Agriculture & Human Sciences, Community and Economic Development- Masters; Courses taught:

- AGEC 2317 – Fundamentals of Agricultural Economics
- AGEC 2322 - Food Distribution Systems
- AGEC 2321 – Marketing Agricultural Products
- AGEC 3321 – Agricultural Policy
- AGEC 3233 – Principles of Transportation
- AGEC 3253 – International Trade and Logistics
- AGEC 4323 – Land Resource Economics
- CODE 5803 – Demography and GIS
- CODE 5332 - Community Analysis

Professional Affiliations

- 2019- present, Research Affiliate in the Hazard Reduction and Recovery Center (HRRC) at Texas A&M University, College Station, Texas. The HRRC focuses on interdisciplinary research and service projects related to all aspects of hazards analysis,

emergency preparedness and response, disaster recovery and hazard mitigation.

- 2014- present, Delegate of the Extension Disaster Education Network (EDEN). EDEN is a collaborative multi-state effort of Cooperative Extension Services in the USA that exists to improve the delivery of services to citizens affected by disasters.

Study Abroad

- March 2019, Faculty-Led Study Abroad to Costa Rica, Relevant Coursework: AGEC 4233 Land Resource Economics. Estwick, N. M., Addo, K., & Agüero, R.
- March 2018, Faculty-Led Study Abroad to Costa Rica, Relevant Coursework: AGEC 4233 Land Resource Economics. Estwick, N. M., Addo, K., & Agüero, R.

Visiting and Temporary Positions

- Summer 2017, Visiting Scholar, United States Department of Agriculture, National Institute of Food and Agriculture, Washington, D.C.

Training completed

- July 2018, ArcGIS Pro Quick-Start for the GIS Professional, Houston, TX.
- May 2018, Emergency Management Institute, FEMA, Train-the-Trainer, IS-505- Religious and Cultural Literacy and Competency in Disaster, Nashville, TN.
- May 2016, Emergency Management Institute, FEMA, E426 Building a Roadmap to Resilience: A Whole Community Training, Emmitsburg, MD.
- September 2015, Python for ArcGIS- Writing Scripts to Manipulate GIS Data
- March 2012, HAZUS-MH/GIS training, Houston TX

Publications

- **Estwick, N. M.**, BakamaNume, B., McDonald, D. L. and Turner, W. (2021). In: F. Cambrice, W. Hoston and M. Robinson, ed., Contemporary Debates in Social Justice an Interdisciplinary Approach to Exploring the Lives of Black and Brown Americans. Kendall Hunt Publishing.
- **Estwick, N. M.**, Griffin, R. W., James, A. A., & Roberson, S. G. (2016). Enhancing Extension and Research Activities using Web GIS. *Journal of Extension* [On-line].
- Esechie, J. O., Obinyan, E. O., Rodriguez, A. M., **Estwick, N. M.**, & Sampson, S. S. (2015). Resilience as an element of a sustainable community. *Africana Studies Review*, Volume 5, Number 1, 40-65.
- Agüero, R., **Estwick N. M.**, & Gutierrez, E. (2014). Automation for Weed Control in Least Developed Countries (LDCs). In S. L. Young & F. J. Pierce (eds.), *Automation: The Future of Weed Control in Cropping Systems*, DOI 10.1007/987-94-007-7512-1_14, Springer Science+Business Media Dordrecht 2013.
- James, A. A., **Estwick N. M.**, & Bryant, A. (2014). Climate Change Impacts on Agriculture and Their Effective Communication by Extension Agents. *Journal of Extension*.

Works in Progress

- **Estwick, N. M.**, Stribling III, F. J. (2018). 1890-EDEN Action Plan –Final Draft

Funding

- December 2021, **IDEAS Workshops**, \$15,000, PI- Godlove Fonjweng, Co-PIs- Kwaku Addo, **Noel M. Estwick** and Ram Ray.
- November 2021, Building Small Town and Rural Resilience Through Equity-Informed Land-Use Planning and Policy, \$300,000, PI- Andrew Rumbach, Co-PIs- Joseph DeAngelis, Jamie Hicks Masterson, Matthew Malecha, Siyu Yu, **Noel M. Estwick**.
- September 2021, **Utilizing Technology to Enhance Food Security and Agricultural Disaster Resilience in the Caribbean**, \$200,000, PI- **Noel M. Estwick**, 1890 Universities Center of Excellence for Global Food Security and Defense collaboration.
- June 2021, **Integrating Culture in the Design of an Adaptive Technology to Address Management Issues in Times of Disaster. - pilot project**, \$10,000, PI- **Noel M. Estwick**, Co-PIs- Paul Johnson, Sharon McWhinney, Peter Ampim, Ram Ray and Kwaku Addo.
- June 2021, **Pathways to Early Childhood Obesity Prevention (P.E.C.O.P) Fellowship “FACT”**, USDA-NIFA, award amount \$300,000, PI- Janet Antwi, Co-PIs- Javad Barouei, Joyce Osborne, Noel M. Estwick, Peter Ampim and Indrika Rathnathungalge.
- June 2021, **Agri-Business in the Bahamas: A Study Abroad Pathway**, USDA-NIFA,

award amount \$35,000, PI- Marcus King, Co-PIs- Oluwaggemiga Ojumu, **Noel M. Estwick**, Carolyn Davis, Misha Chakraborty, Stephanie Tilley, Wash Jones.

- January 2021, **Understanding the Response to USDA Food Aid among Minority Residents and Farmers in COVID-19**. Panther RISE Grant Program, \$30,000; PI- **Noel M. Estwick**, Co-PIs- Michelle A. Meyer and Rebeka Dudensing
- September 2020, **USDA Assistance for Farmers Programs: Assessing the Impacts of COVID-19 on Historically Underserved Farmers and Ranchers, and their Families Health**, \$5,000, PI- **Noel M. Estwick**
- August 2020, **1890 Center of Excellence for International Engagement and Development (CEIED)**, Research and Extension of Black-Eyed Peas for Food and Nutritional Security Across the New World Diaspora, award amount \$96,000, PI- Matthew Blair, CO-PIs- **Noel M. Estwick** and Pamela Moore.
- February 2020, **Southern SARE**, Toward Culturally Responsive Disaster Management for Limited Resource Producers: The Role of Person, Place and Professional Agencies, award amount \$300,000, PI- **Noel M. Estwick**, CO-PIs- Marco Robinson and Nelson T. Daniels
- October 2019, **Purdue University**, Implementing an Action Plan to Engage 1890 LGUs in Disaster Education, \$20,000, PI- **Noel M. Estwick**
- February 2018, **Purdue University**, Developing a Mechanism for 1890 Involvement in EDEN, \$20,000, PI- **Noel M. Estwick**
- December 2017, **Resilient Networks Project**, A GIS Approach to Document the Transition from Slave Plantation to University in Prairie View, TX., award amount \$11,000, PI- **Noel M. Estwick**, CO-PIs- Toniesha Taylor, Bakama BakamNume and Phyllis Earles
- August 2017, **National Science Foundation**, SCC- Planning Smart & Connected Communities, award amount \$100,000, PI- Akujuobi, C. N., CO-PIs- **N. M. Estwick**, F. Cambrice, J. Moore & P. Obiomon
- March 2017, **Purdue University**, Exploring the Need for 1890 EDEN Growth, \$30,000, PI- **Noel M. Estwick**, Co-PI- Finis Stribling III.

Departmental/University Service

- 2020-present, Member of the Undergraduate Council, Prairie View A&M University.

Community Service

- Board member, Houston Adventist Academy, Houston, Texas.

Select Presentations & Webinars

- September 2021, **EDEN Post-Conference Session- Religious and Cultural Literacy and Competency in Disasters**, Raleigh, North Carolina, Michelle Eley, Kimberly Davis, **Noel M. Estwick**, Christina Sanders and Michael Gaffney.
- February 2021, **Disaster PRIMR Conference**, University Engagement in Disaster Preparedness Response Innovation Mitigation & Recovery. Virtual Presentation.
- August 2019, **Tennessee New Farmer Academy**, Nashville, TN., Presentation on Integrating Disaster Management in Farm Management Planning, **Estwick, N. M.**, Stribling III, F. J., Eley, M., Fleming, R., English, H.
- May 2019, Grapevine, TX., **The Salvation Army Southern Territory 2019 Disaster Training Summit**, Invited by FEMA for the Religious and Cultural Literacy and Competency in Disaster session.
- February 2019, **National Land-Grant Diversity Conference**, Hebron, KY., Presentation: Improving Quality of Life in Limited Resource Communities through Targeted Disaster Programming, Finley, G., Estwick, N. M.
- January 2019, **Southern CRD Webinar Series**, Exploring Ways to Engage Limited Resource Communities in Disaster Education- Strategies from the 1890-EDEN Advisory Group, Presenters: Eley, M., **Estwick, N. M.**, Fleming, R., Finley, G., Stone, R., Buchanan
- December 2018, **Professional Agricultural Workers Conference**, Tuskegee, Alabama, Presentation: Developing a Framework for Engaging 1890 Land-Grant Universities in Disaster Education, **Estwick, N. M.**, Stribling III, F. J., Finley, G., Eley, M., Stone, R., Buchanan, W., Eley, M.

References

Available upon request