

NOEL M. ESTWICK, Ph.D.

(updated August 2023)

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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: <i>Evaluating Shelter Provisions for Populations with Access and Functional Needs: A Case Study of the Greater Houston Region</i> |
| 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 2019- present | Assistant Professor and Research Scientist, College of Agriculture and Human Sciences, Prairie View A&M University, Prairie View TX. |
| 2021- 2022 | Chair, Human Sciences Program, 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, <ul style="list-style-type: none">• 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, Chair, 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. Assistant Professor, College of Agriculture & Human Sciences. Undergraduate and graduate courses taught: <ul style="list-style-type: none">• AGEC 2317 – Fundamentals of Agricultural Economics• AGRI 2322 - Food Distribution Systems, B-GLOBAL designated course.• 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, AFAM Studies designated course. |
| Fall 2017 – Spring 2021 | Prairie View A&M University, Prairie View, Tx. Adjunct Instructor, School of Architecture, Community and Economic Development Master's Program Course taught: <ul style="list-style-type: none">• CODE 5803 – Demography and GIS |

- CODE 5323 - Community Analysis

Professional Affiliations

- 2021-present, Advisory Council member of the Verification of Rotations in Tornadoes Experiment Southeast (VORTEX-SE).
- 2020-present, Governing Board Member, 1890 Universities Center of Excellence for Global Food Security and Defense (CEGFSD).
- 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

- May 2023, **Faculty-Led Study Abroad to The Bahamas**, Relevant Coursework: AGRI 2322 Food Distribution Systems and ENTR 3309 Entrepreneurship. Estwick, N. M., Ojumu, O; King, M.; Davis, C.; & Lightbourne, S.
- March 2019, **Faculty-Led Study Abroad to Costa Rica**, Relevant Coursework: AGECE 4233 Land Resource Economics. Estwick, N. M., Addo, K., & Agüero, R.
- March 2018, **Faculty-Led Study Abroad to Costa Rica**, Relevant Coursework: AGECE 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/ Professional Development

- Summer 2022, PVAMU Global Infusion Summit in support of B-GLOBAL Quality Enhancement Plan.
- Summer 2021, PVAMU African American Studies Institute.
- Summer 2020, PVAMU Faculty eCertification Training, Introduction to Teaching Online (ITO) and Getting Ready for Quality Matters (GRQM).
- 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].
- Esehie, 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

- August 2023, **PVAMU- Gulf Scholars Program (GSP)**, \$474,841, PI- Sarah Estwick, 2

Conrad, Co-PIs- Ayodeji Iyanda, Emmanuel Dada, Gargi Aleaz, Jeanelle Hope, Kazeem Olanrewaju, Kyu Young Lee, **Noel M. Estwick**, Selena Tate. Tamika Baldwin-Clark, and Nathan Mitchell.

- September 2022, **Southeast Texas Urban IFL: Equitable solutions for communities caught between floods and air pollution**, \$17,000,000, PI- Paola Passalacqua, Co-PIs- Liv M. Haselbach, Michelle Meyer, **Noel M. Estwick** and Ethan Coon.
- June 2022, **Utilizing Technology to Enhance Food Security and Agricultural Disaster Resilience in the Caribbean Phase II**, \$140,000, PI- **Noel M. Estwick**, Co-PIs- Paul Johnson and Sharon McWhinney.
- 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 Phase I**, \$200,000, PI- **Noel M. Estwick**, Co-PIs- Paul Johnson, Sharon McWhinney, Peter Ampim, Ram Ray and Kwaku Addo.
- 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.
- 2020-2022, Member of the Undergraduate Council, Prairie View A&M University, Prairie View, TX.

Departmental/University
Service

Community Service

- 2020-present, Board member, Houston Adventist Academy, Houston, Texas.

Select Presentations & Webinars

- September 2022, **Workshop- Religious and Cultural Literacy and Competency in Disasters**, Chicago, Illinois, Michelle Eley, Kimberly Davis, **Noel M. Estwick**.
- 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.
- October 2018, **EDEN Annual Meeting**, College Station, Texas, Plenary Discussion: Exploring the Needs for 1890-EDEN Growth, **Estwick, N. M.**, Stribling III, F. J.

References

Available upon request