

NOEL M. ESTWICK, Ph.D.
(updated August 2020)

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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. Masters 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

Prairie View A&M University, Prairie View TX. Assistant Professor

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 1233 – Fundamentals of Agricultural Economics
- AGEC 2223 - Food Distribution Systems
- AGEC 2213 – Marketing Agricultural Products
- AGEC 3213 – Agricultural Policy
- AGEC 3233 – Principles of Transportation
- AGEC 3253 – International Trade and Logistics
- AGEC 4233 – Land Resource Economics
- CODE 5083 – Demography and GIS
- CODE 5323 - Community Analysis

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.**, 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

- February 2020, **Mississippi State University**, EDEN 2020 Community Resilience Listening sessions, \$2,500, PI- **Noel M. Estwick**, Co-PIs- John T. Cooper and Carolyn J. Williams
- February 2020, **Southern SARE**, Toward Cultural 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
- 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.
- 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.

Select Presentations & Webinars

References

Available upon request