

Randall A. Cantrell

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Dr. Cantrell is a researcher and educator whose broad goal is to demonstrate the importance of linkages between the family, home, and community. He does so by focusing on:

- 1) how homeowners make home-upgrade decisions (view the <u>Decision-Ade™</u> video),
- 2) building capacity within communities so they can function more effectively, and
- 3) adapting homes for aging-in-place.

His diversified background includes engineering, economics, community development, marketing research, and housing research. He served in the Peace Corps in Niger, West Africa where he taught high-school mathematics in French, and his secondary project was that of a well driller/instructor.

Full citations at:

http://fycs.ifas.ufl.edu/media/fycsifasufledu/docs/cvs/Cantrell-R--CV-November-2016.pdf

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- Nahmens, I., Joukar, A., and Cantrell, R. (2015). Impact of Low-Income Occupant-Behavior on Energy Consumption in Hot-Humid Climates, Journal of Architectural Engineering, 21(2), 1-10.
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- Ganguly, I., Koebel, T., Cantrell, R. (2010). A Categorical Modeling Approach to Analyzing New Product Adoption and Usage in the Context of the Building-Materials Industry. Technological Forecasting & Social Change, 77(4), 662-677.

Global Research Interests

- Explore possible effects resulting from indigenous populations living in spaces created during colonialism
- Explore possible trends that are occurring in post-colonial times now that indigenous populations are using local building materials and labor to construct "spaces" that efficiently endure the climate while simultaneously acknowledging their culture
- Explore which elements of colonial and pre-colonial designs are still useful and appreciated by indigenous populations during post-colonial times (i.e., cultural wisdom)
- Explore how one strategy capable of withstanding the influx of terrorism into a region can demonstrate how peace and stability can be maintained in times of adversity by strengthening community capacity through providing citizens safe, reliable spaces in which to raise their families with dignity and respect.

Countries of Focus

- Niger
- Senegal
- Nigeria
- Cote d'Ivoire
- India
- Bangladesh

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