

Elena Craft, PhD
Health Scientist
Climate & Air /Energy
Austin

Work/expertise

Dr. Craft's expertise is on air toxics issues, focusing specifically on reducing criteria and greenhouse gas emissions from the energy and transportation sectors. She has worked to reduce emissions especially around port areas and environmental justice communities. She has also worked to reduce toxics used in shale gas drilling practices such as hydraulic fracturing. She has been an integral strategist in designing and initiating comprehensive clean air measures, as well as in developing standards to measure environmental performance. Her efforts have led to the creation of clean truck programs in Houston and other ports around the Southeast. She is also involved in innovative projects to increase efficiency from goods movement operations. Her strategy in securing emission reductions includes development of strategic partnerships with retailers and other stakeholders, with the ultimate goal of incorporating clean air and efficiency improvements into a sustainable business model. Dr. Craft advocates for policies that increase energy efficiency, reduce exposure to toxic compounds, and improve human health.

Education: BS degree from UNC Chapel Hill, a MS degree in toxicology from NC State University, and a PhD from Duke University.

Blogs: Texas Clean Air Matters, Energy Exchange, Climate 411

Press releases: <http://www.edf.org/page.cfm?tagid=26818&template=1359&archive=25031>

Papers:

- Craft, ES, Donnelly, KC, Neamtii, I, McCarty, KM, Bruce, E, Surkova, Kim, D, Uhnakova, I, Gyorffy, E, Tesarova, E, Anderson, B. "Prioritizing Environmental Issues around the World: Opinions from an International Central and Eastern European Environmental Health Conference" (2006) *Environmental Health Perspectives* 114(12) 1813-1817.
- Crofton, K.M., Craft, E.S., Hedge, J.M., Gennings, C., Simmons, J.E., Carchman, R.A., Carter, W.H., DeVito, M.J. "Thyroid-Hormone-Disrupting Chemicals: Evidence for Dose-Dependent Additivity or Synergism" (2005) *Environmental Health Perspectives* 113(11).
- Craft, E.S., Abu-Qare, A.W., Flaherty, M.M., Garofolo, M.C., Rincavage, H.L., Abou-Donia, M.B. "Depleted and Natural Uranium: Chemistry and Toxicological Effects" (2004) *Journal of Toxicology and Environmental Health, Part B*, 7:297-317.
- Craft E.S., Crofton K.M., DeVito M.J. "Comparative Responsiveness of Hepatic Enzyme Induction and Hypothyroxenemia in Long Evans Rats versus C57BL/6J Mice Exposed to TCDD-like and PB-like Polychlorinated Biphenyl (PCB) Congeners" (2002) *Toxicological Sciences*, 68(372-380).