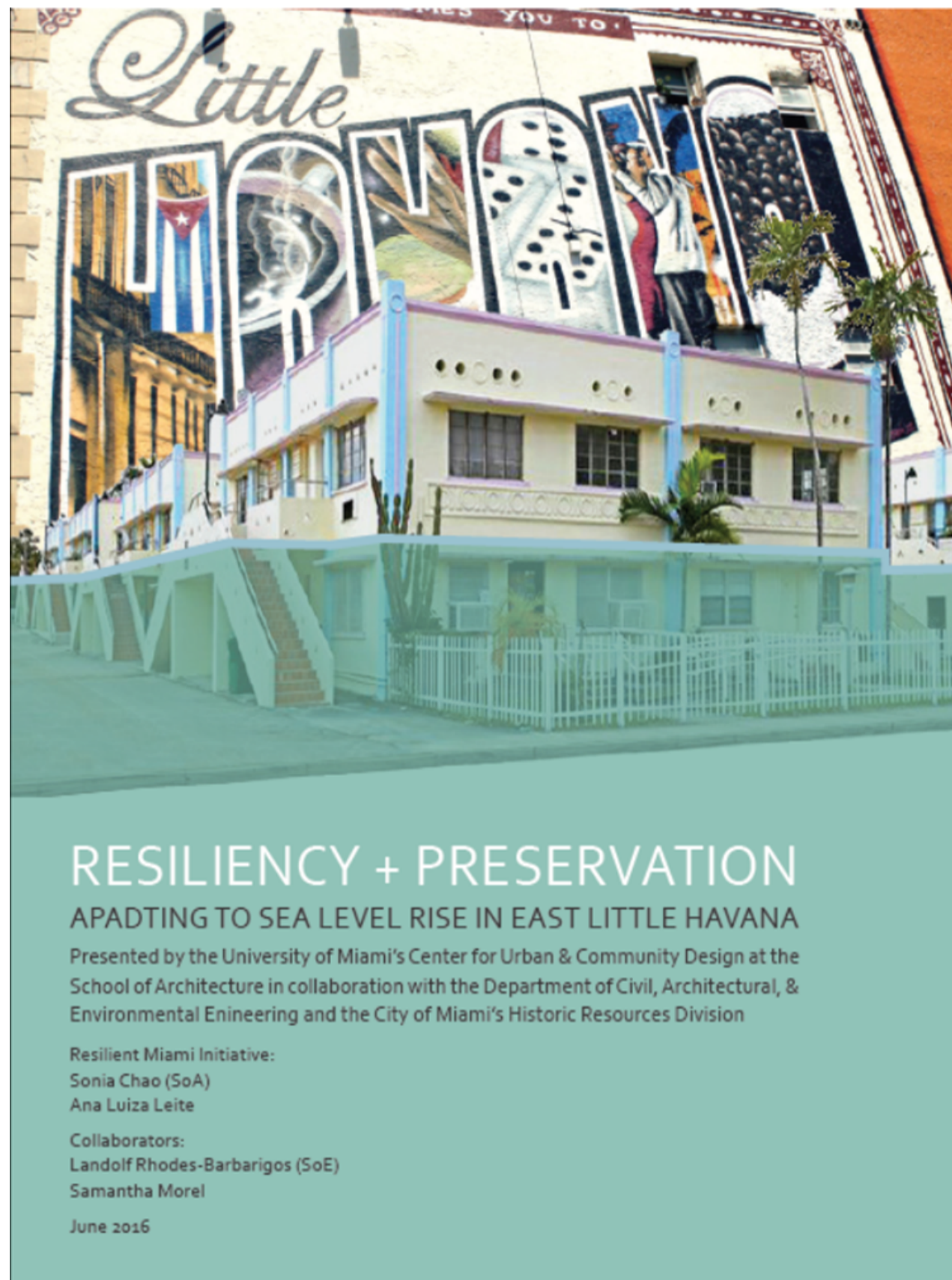




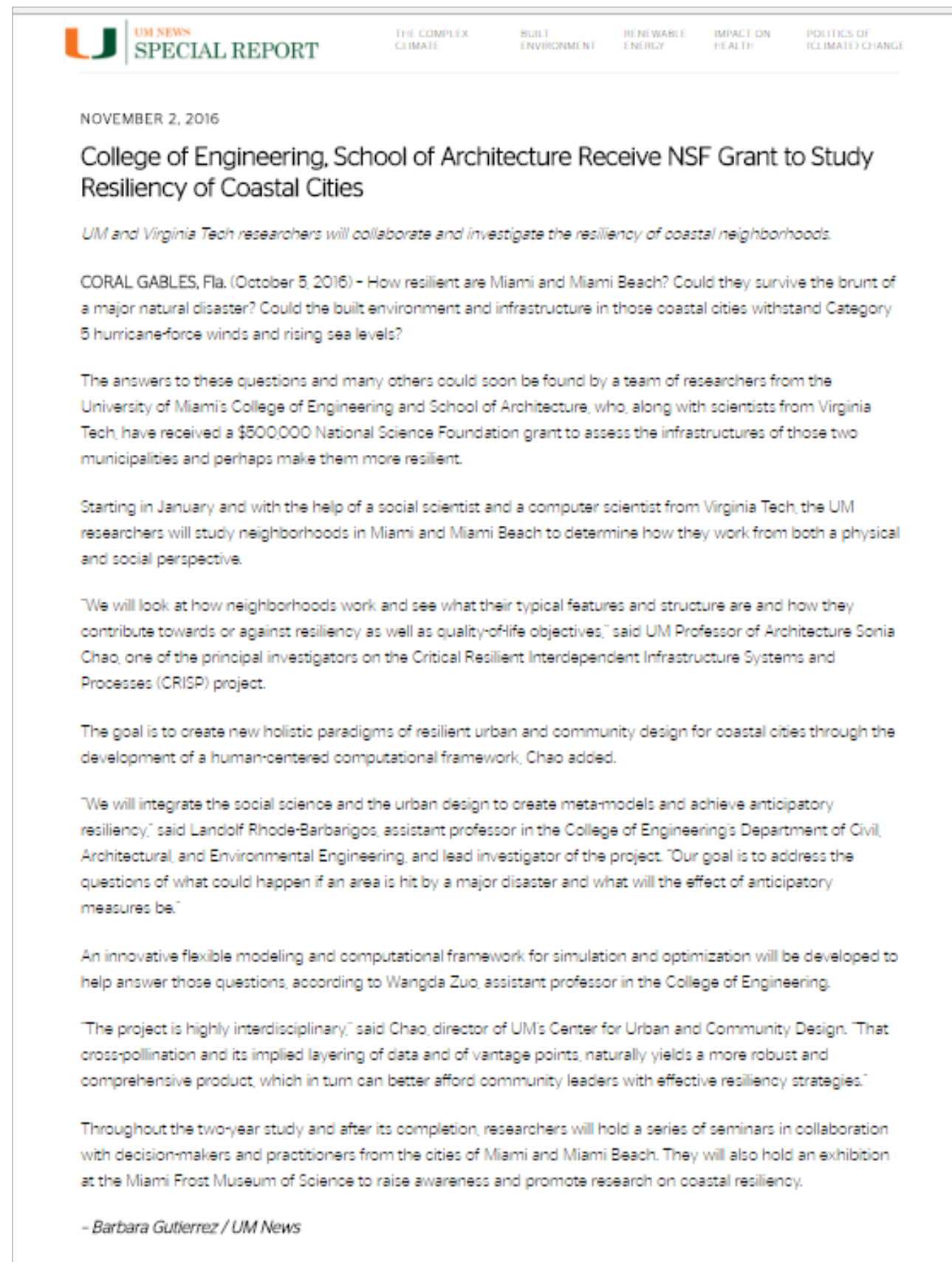
Sonia Chao

**Research Associate Professor
Director, Center for Urban & Community Design**

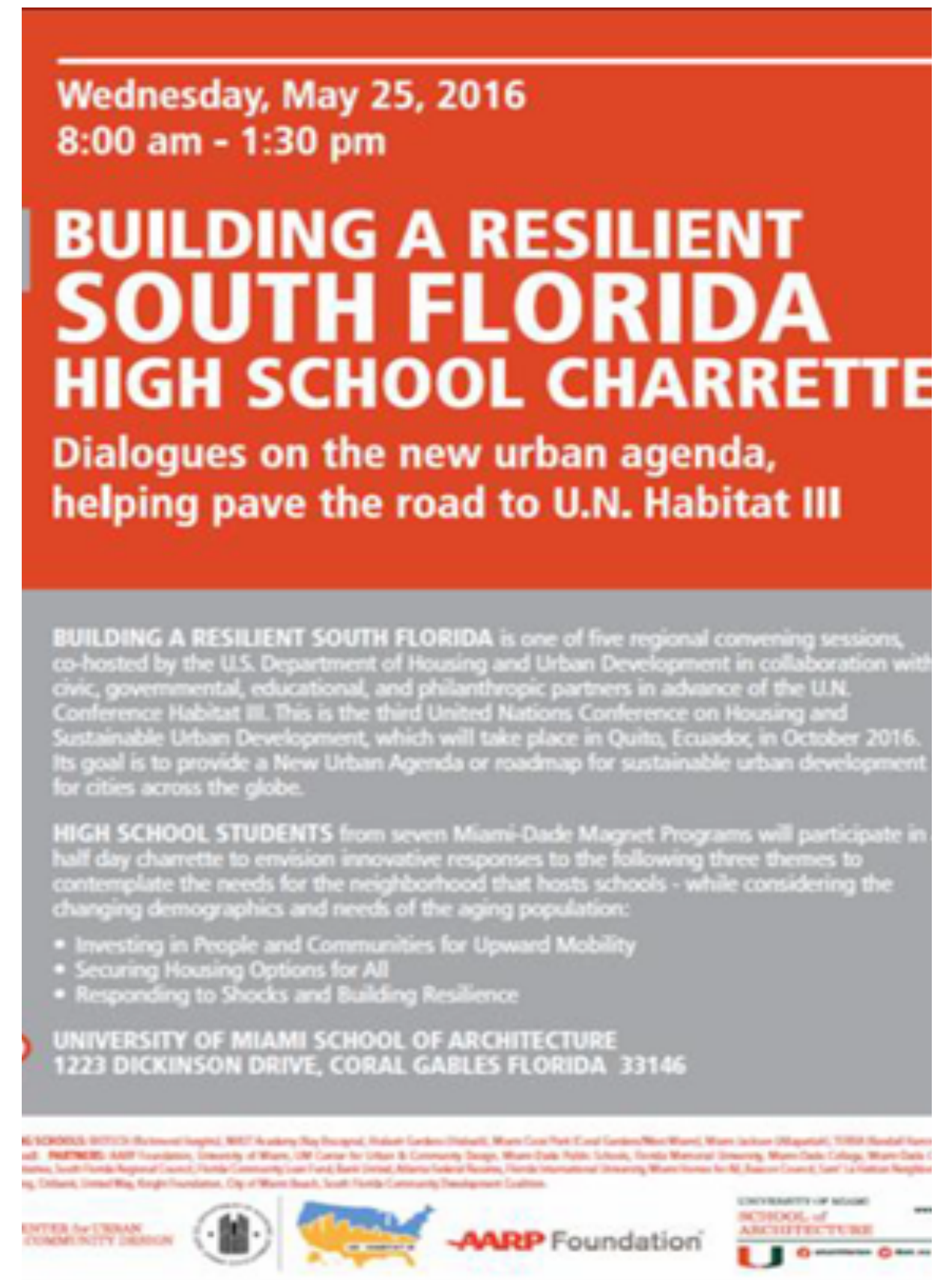
Sonia Chao writes and teaches in the areas of sustainable architecture and urbanism, resilient design, and historic preservation in the subtropics. Her scholarship explores the intersection between historic preservation, historic places, and resilient design. Some of her more recent accomplishments include grant awards from the National Science Foundation (NSF), W.K. Kellogg Foundation, Barr Foundation, the National Endowment of the Arts (NEA), as well as multiple grant awards to fund regional community engagement activities, in collaboration with Asst. Provost Bachin (OCCE), including Miami-Dade County Housing Finance Authority, The J.P. Morgan Chase Foundation, and the Jesse Ball DuPont Fund. In 2016, she convened a university-wide ad-hoc faculty working group, the Resilient Miami Initiative, focused on Resiliency issues. Before entering the academy, she practiced architecture in New York City and Venice, Italy. She received a Masters of Science in Architecture from Columbia University and Bachelor in Architecture from University of Miami.



Research & Community Engagement In Collaboration with City of Miami Historic Preservation Office and UM School of Engineering
Resilience and Historic Preservation: Adapting to Sea Level Rise in East Little Havana, June 2016 (Draft 1; release date: Summer 2017)



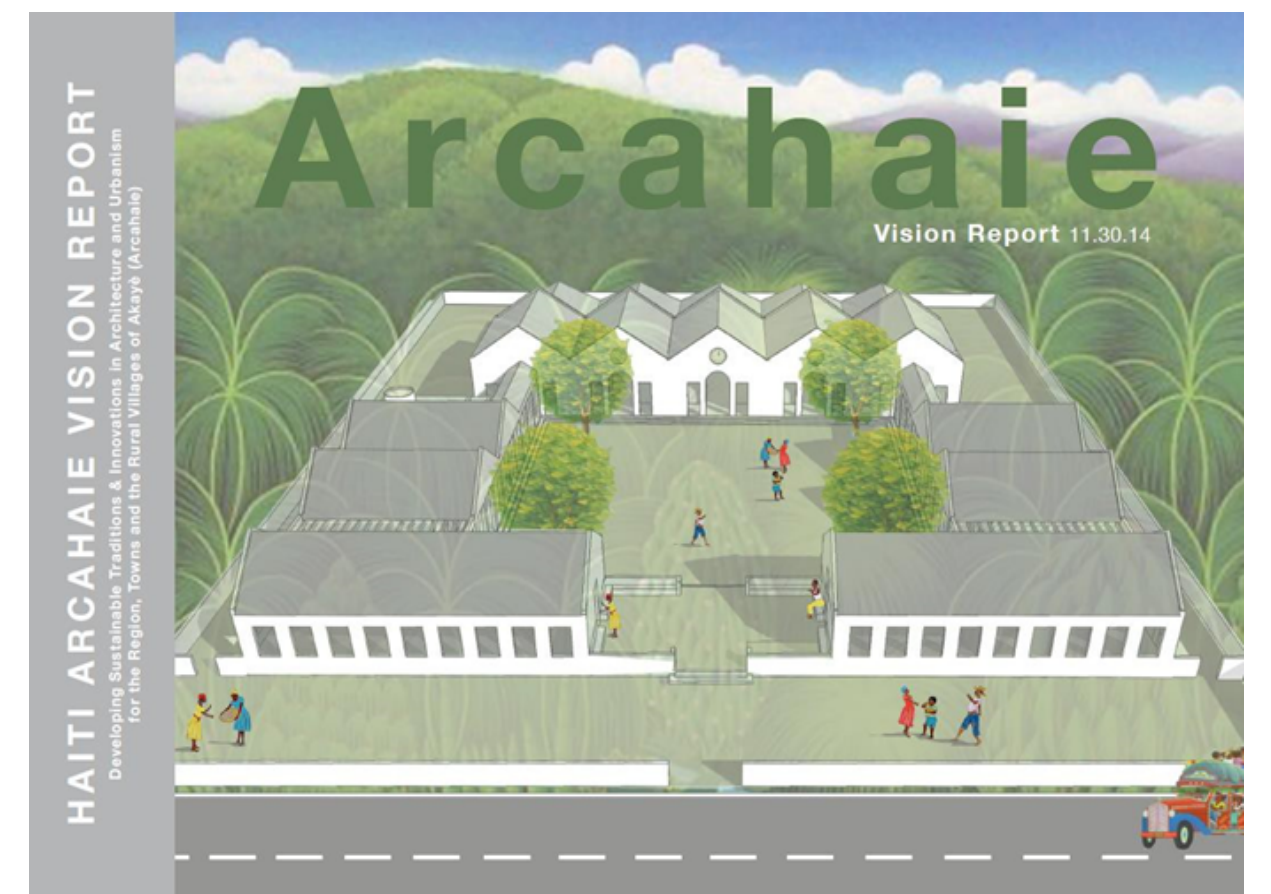
Funded Research- National Science Foundation (NSF) Grant, Awarded: Fall, 2016.
Co-Principal Investigator: Collaborative Research: A human-centered computational framework for urban and community design of resilient coastal cities. Two academic institutions, five Principal Investigators; one in Architecture- Chao;



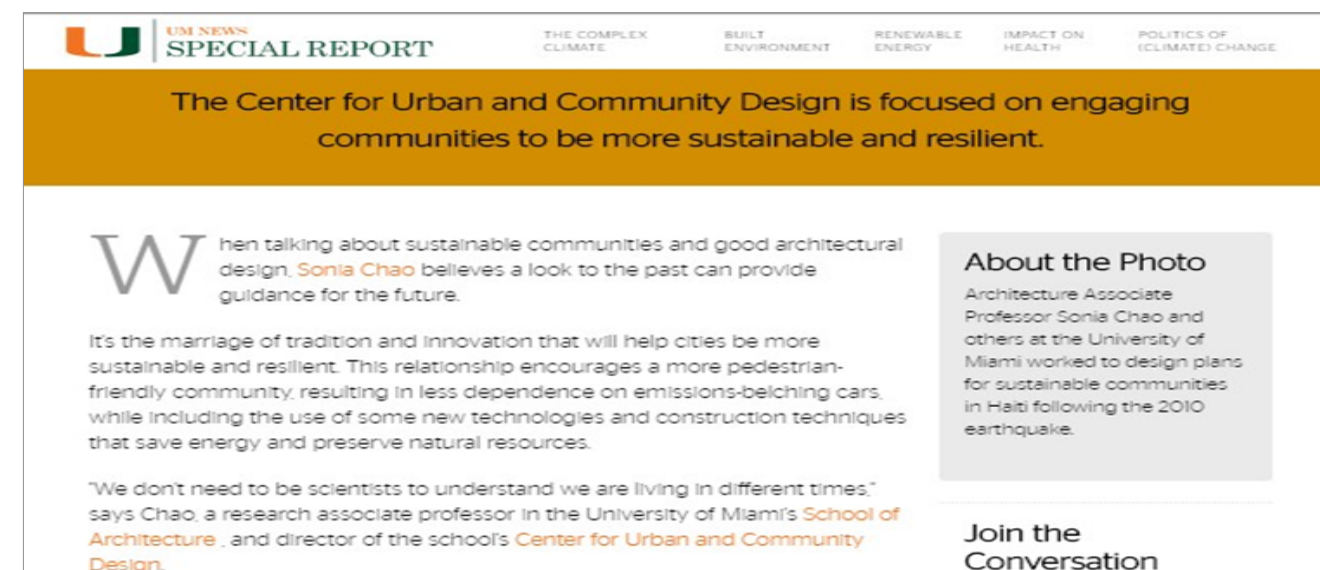
Community Engagement
Resilience and South Florida Neighborhoods – High School Charrette in collaboration with regional US Housing & Urban Development (HUD) Office, June-July, 2016.



Funded Research and Community Engagement- Principal Investigator Haiti Initiative, W.K. Kellogg and Barr Foundation,
Haiti: Arcahaie Vision Report Grant 1, 2012-2013; **Ayiti: Akaye Rapo Vizyon** Haiti Initiative, W.K. Kellogg Foundation, Grant 2 2014-2015.



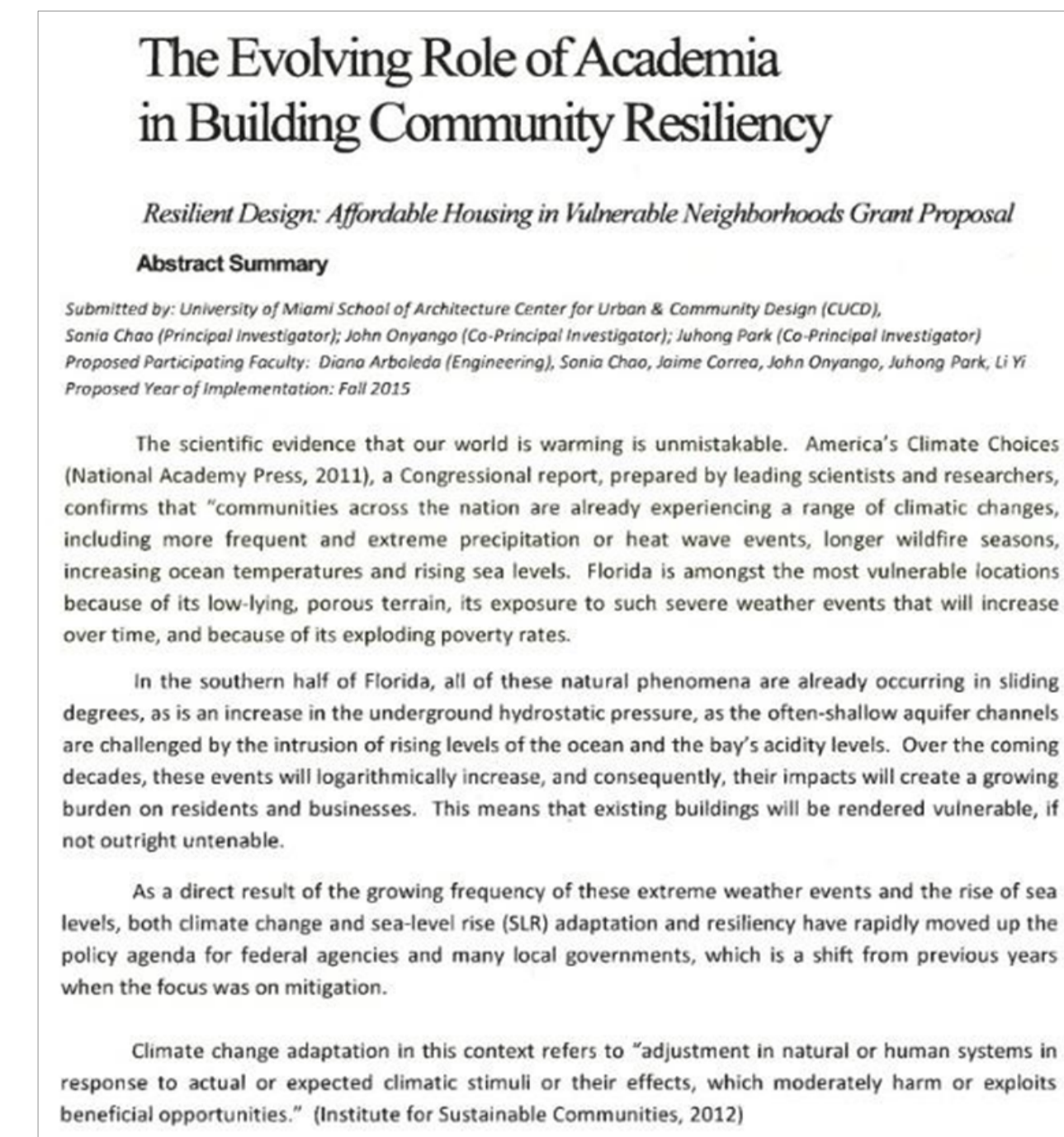
Community Engagement and Grants. Multiple grant proposals prepared jointly and awarded to Chao (CUCD) and Asst. Provost Bachin (OCCE), to tackle affordable housing hurdles in 3 historic neighborhoods, through course work or CUCD research initiatives.



Research and Community Engagement. In 2016, a UM Special Report on *Climate Change* highlighted her research and engagement efforts. Later in the year, she was selected as the second UM faculty to deliver a **Canetalk**, alongside President French, highlighting her research.



Charrette Leader. Resilient Design Charrette focused on 5 vulnerable S.Florida sites. November 2016. Sponsored by SEFRCCC, Sustainable Communities and UM CUCD.



Grant Proposal. The Evolving Role of Academia in Building Community Resiliency. Principal Investigator. Submitted to The Oak Hill Foundation, 2015. Not funded. Introductory Page.



Symposium Chair. Sustainability and Resilient design symposium, November 2015. Attended by +200 students. CUCD Community awareness campaign.



Funded Research & Publication. Editor and Contributing Writer: *Under the Sun- Traditions and Innovations in Sustainable Architecture & Urbanism in the Sub-tropics and Tropics*, National Endowment for the Arts (NEA), Published 2013.



Community Engagement. SoA Workgroup Leader on Community Engagement. First resulting initiative: U-Serve Day- a day of school wide community service. Lead inaugural event, where +400 properties were surveyed by students, faculty and staff, and the data later donated to the City of Miami.