FEAR TO HOPE: A CASE STUDY OF COMMUNICATION STRATEGIES FOR ADVANCING COLLABORATIVE PUBLIC SCIENCE RESEARCH. Linda D. Manning & Robert B. Atkinson, Christopher Newport University. Fear to Hope addresses the impacts of climate change by engaging high school science students in authentic research employing problem-based learning and mentoring by research-active college students under the direction of research professors and content experts. Fear to Hope culminates in a science symposium. Year three has yielded clear strategies for successful communication. Inward-facing communication strategies employed to optimize this model include weekly check-ins with the executive advisory team and the college Fear to Hope team, which is composed of student mentors, marketing leads, data analysts, computer programmers, GIS specialists, videographers, and a French major; monthly check-ins with high school students and their mentors; quarterly virtual office hours with high school educators and college professors; and semi-annual professional development. Fear to Hope expanded throughout the 1600-mile range of a species we study, and outward-facing communication strategies include a website, a quarterly newsletter, an annual report, and collaborative grant opportunities. Author contact: Linda D. Manning, lmanning@cnu.edu.