

Julie Swann Biographies

THE SHORT VERSION

Julie Swann is the department head and A. Doug Allison Distinguished Professor of the Edward P. Fitts Department of Industrial and Systems Engineering at NC State University. She conducts research, outreach and education to improve how health and humanitarian systems operate worldwide and has served as a science advisor for the H1N1 pandemic response at the Centers for Disease Control and Prevention.

THE LONG VERSION

Julie Swann is the department head and A. Doug Allison Distinguished Professor of the Edward P. Fitts Department of Industrial and Systems Engineering at NC State University. She is an affiliate faculty in the Joint Department of Biomedical Engineering at NC State and the University of North Carolina at Chapel Hill. Swann is a Fellow of IISE, INFORMS and AIMBE as well as president-elect of INFORMS.

Throughout her career, Swann has conducted research, outreach and education to improve how health and humanitarian systems operate worldwide. Her work with analytics relates to public health, public policy, epidemiology, infectious disease, supply chain management, and disaster response. This work allowed her to serve as a science advisor for the H1N1 pandemic response at the Centers for Disease Control and Prevention.

Along with the CDC, Swann has collaborated with health and humanitarian organizations such as:

- The American Red Cross
- The Carter Center
- CARE USA
- Children's Healthcare of Atlanta
- Emory University Hospital
- State Departments of Public Health
- and many other companies

Worldwide, she has contributed to the education of thousands of practitioners in health and humanitarian systems through the co-creation and teaching in a professional certificate program at Georgia Tech. This contribution includes teaching in the MASHLM program in Lugano, Switzerland, and co-chairing the annual Health and Humanitarian Logistics Conference.