



MARTHA R. GRABOWSKI

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Dr. Martha R. Grabowski is the McDevitt Distinguished Chair in Information Systems; Professor and Chair of the Accounting Department; and Director of the Information Systems program in the Madden School of Business at Le Moyne College in Syracuse, New York. She is also a Senior Research Scientist in the Department of Industrial & Systems Engineering at Rensselaer Polytechnic Institute in Troy, New York. Dr. Grabowski chairs the National Academies of Science, Engineering and Medicine's Transportation Research Board (TRB)/Marine Board; she received the W.N. Carey, Jr. Distinguished Service Award from the TRB in 2021. She is also a member of the American Bureau of Shipping; a Lifetime National Associate of the National Academies; and a member of the City of Syracuse (NY)'s [Surveillance Technology Task Force](#).

Dr. Grabowski's research focuses on the impact of technology on individuals, groups and organizations in complex, safety-critical systems; risk analysis and risk mitigation in large scale systems; and the role of human and organizational error in high consequence settings. Her current research includes (1) using advanced data analytics and visualizations with large-scale heterogeneous data sets to assess U.S. Navy surface ship safety, and waterway and vessel risk; (2) exploring the impact of wearable augmented reality displays (WARDS) on operator performance, communication, situation awareness and mobility in safety-critical systems; (3) assessing the impact of autonomous unmanned aerial systems (UAS) on communication, logistics and emergency response systems in the Arctic and other infrastructure-poor settings; and (4) modeling and analyzing the effects of communications, infrastructure and climate changes in dynamic resource allocation systems and emergency response and mass rescue in the Arctic.

Dr. Grabowski is a licensed former merchant officer and retired Lieutenant Commander in the U.S. Naval Reserve. She received a B.S. in Marine Transportation/Nautical Science from the U.S. Merchant Marine Academy, and an M.B.A., an M.S., Industrial Engineering, and a Ph.D. in Management/ Information Systems from Rensselaer Polytechnic Institute.