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UAS Aviation: A Partnership for the Future

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Ellen J. Bass is Professor and Head of the Department of Information Science at the College of Computing & Informatics of Drexel University.

She holds a joint appointment in the Department of Health Systems and Services Research of Drexel University's College of Nursing & Health Professions.



She is the human factors lead for the Alliance for System Safety of UAS through Research Excellence (ASSURE) FAA Center of Excellence for Unmanned Aircraft Systems.

She is a fellow of the Human Factors and Ergonomics Society.

She is a member of the Board on Human-Systems Integration (BOHSI) in the Division of Behavioral and Social Sciences and Education (DBASSE) of the National Academies.

She is a member of the editorial board for the journals Human Factors, IIE Transaction on Occupational Ergonomics and Human Factors and IIE Transactions on Healthcare Systems Engineering.

For over thirty years, she has been involved in systems engineering research and design with relevant experience in air transportation and related domains.

Her research focuses on understanding and modeling how human operators perform in real-time complex systems in order to inform the systems engineering process.