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Beverley McKeon is the Theodore von Karman Professor of Aeronautics at the Graduate Aerospace Laboratories at Caltech (GALCIT). Her research interests include interdisciplinary approaches to manipulation of boundary layer flows using morphing surfaces, fundamental investigations of wall turbulence at high Reynolds number, the development of resolvent analysis for modeling turbulent flows, and assimilation of experimental data for efficient low-order flow modeling, all with a focus on increasing efficiency of transport processes. She was the recipient of a Vannevar Bush Faculty Fellowship in 2017, a Presidential Early Career Award (PECASE) in 2009 and an NSF CAREER Award in 2008, and is a Fellow of the APS and AIAA Associate Fellow. She currently serves as an Associate Editor of *Physics Review Fluids*, on the editorial boards of the *AIAA J.*, *Annual Review of Fluid Mechanics* and *Experiments in Fluids*, and is a former editor-in-chief of *Experimental Thermal and Fluid Science*. She is the Vice Chair and APS representative to the US National Committee on Theoretical and Applied Mechanics.