## **David Hand**

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Mini-Bio: David Hand is Senior Research Investigator and Emeritus Professor of Mathematics at Imperial College, London, where he formerly held the Chair in Statistics. He is a Fellow of the British Academy, an Honorary Fellow of the Institute of Actuaries, a Fellow of the Institute of Mathematics and its Applications, and has served (twice) as President of the Royal Statistical Society. He chairs the Centre for Data Ethics Advisory Committee and the National Statistician's Expert User Advisory Committee. He has published 300 scientific papers and 32 books, including *Principles of Data Mining*, *Measurement Theory and Practice, The Improbability Principle, The Wellbeing of Nations*, and *Dark Data*. In 2002 he was awarded the Guy Medal in Silver of the Royal Statistical Society, and in 2004 the IEEE-ICDM Research Contributions Award. He was awarded the George Box Medal in 2016 and the IFCS Research Medal in 2019. In 2013 he was made OBE for services to research and innovation.

## **SELECTED PUBLICATIONS:**

- Hand D.J. (2004) Measurement Theory and Practice: the World Through Quantification, Wiley.
- Hand D.J. (2014) Dark Data: Why What You Don't Know Matters. Princeton University Press.
- Mayo D.G. and Hand D.J. (2022) Statistical significance and its critics: practicing damaging science, or damaging scientific practice. *Synthese*.
- Hand D.J. (2022) Trustworthiness of statistical inference. Journal of the Royal Statistical Society, Series A, **185**, 329-347
- Hand D.J. (2015) From evidence to understanding: a commentary on Fisher (1922) 'On the mathematical foundations of theoretical statistics' by *Philosophical Transactions of the Royal Society, A373*, Issue 22039, Article ID 20140252.
- Hand D.J. (2014) Wonderful examples, but let's not close our eyes. *Statistical Science*, **29**, 98-100.
- Hand D.J. (2011) Discussion of Bayesian models and methods in public policy and government settings by S.E. Fienberg. *Statistical Science*, **26**, 227-230.
- Hand D.J. (1994) Deconstructing statistical questions (with discussion), Journal
  of the Royal Statistical Society, Series A, 157, 317–356.