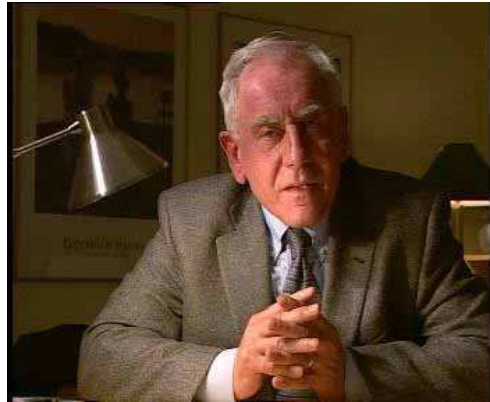


WHAT YOU NEED TO KNOW ABOUT

Professor James Reason



Early Life

Reason graduated with First Class Honours from University of Manchester in 1962 with a Degree in Psychology. He received his PhD from University of Leicester in 1967.



Initial Career

Reason started his career as a research psychologist at the Royal Air Force Institute of Aviation Medicine and later at the US Naval Medical Institute in Florida.



Academia

From 1964-76 Reason was a Lecturer at the Department of Psychology (University of Leicester). Since 1977 he has been Professor of Psychology at the University of Manchester.



Swiss-cheese model

Reason is synonymous with the Swiss Cheese Model of accident causation that he developed with Dante Orlandella at the University of Manchester. Also known as the 'cumulative act effect' the model identifies that all layers of defence are imperfect.



12 Principles

Reason's *12 Principles of Error Management* sets out 12 systematic human factor centric principles of error management. The principles first appeared in his 2003 publication *Managing Maintenance Error: A Practical Guide* (co-writer Alan Hobbs).



Awards + books

Reason is a Fellow of the Royal Aeronautical Society and of the British Academy. In 2001 he received the USA Flight Safety Foundation Industry Human Factors in Aviation Safety Award. He has authored multiple books and articles on human error.