

Gavan Lintern



Cognitive Systems Design

www.cognitivesystemsdesign.net

Gavan Lintern earned his Ph.D. in Engineering Psychology from the University of Illinois in 1978 and M.A. and B.A. degrees in experimental psychology from the University of Melbourne, Australia, in 1971 and 1969. He has worked in aviation-related human factors research at the Defense Science and Technology Organisation (then known as the Aeronautical Research Laboratories), Melbourne (1971-1974), and in flight simulation research on a US Navy program in Orlando, Florida (1978-1985). He returned to the University of Illinois in 1985 to take up a position as a faculty member at the Institute of Aviation (1985-1997). He has subsequently filled positions as head of human factors at the Defence Science and Technology Organisation in Melbourne (1997-2001), senior scientist with Aptima, Inc in Boston (2001-2003) and chief scientist with General Dynamics Advanced Information Systems in Dayton Ohio (2003-2009).

Gavan's primary areas of expertise are in cognitive analysis and design of complex knowledge and information systems, instructional system development for aviation and information-intensive systems, and e-Learning development of professional and technical courseware. He has high-level skills in Cognitive Work Analysis, Ecological Interface Design, Brahms human workflow modelling and web design.

He has over 40 publications in reviewed journals and numerous symposium papers and book chapters. He is a Fellow of the Human Factors & Ergonomics Society, a recipient of the Jerome H. Ely Award, 1991, best paper in Volume 32 of Human Factors and a recipient of the George E. Briggs Dissertation Award, 1978. He has served on the Editorial Board, Human Factors (1986-2000) and still serves on the Editorial Boards of The International Journal of Aviation Psychology (since 1991) and Cognitive Engineering & Decision Making (since 2007).

Gavan retired from General Dynamics in early 2009 and now works part time as an industry consultant, otherwise filling in his time as minder of the home pets and general home roustabout. He published a book, The Foundations and Pragmatics of Cognitive Work Analysis, in April 2009 and another, Joker One: A Tutorial in Cognitive Work Analysis, in August 2013.

Affiliations

- Member and Fellow of the Human Factors & Ergonomics Society
- Member, International Council on Systems Engineering
- Editorial Board of The International Journal of Aviation Psychology
- Editorial Board of Cognitive Engineering & Decision Making