# American Society for Cybernetics

## The Warren McCulloch Award of the American Society for Cybernetics
### is awarded to

# Bernard Scott

for outstanding and profound lifelong contributions to nurturing cybernetics through the development of both cybernetically based praxis in education, and major theories concerning learning and the learnable.

Bernard Scott's involvement with cybernetics began in the 1960s, when he worked for and then with Gordon Pask, becoming his office and lab co-ordinator. His background as a psychologist, and his interest in learning, meant he was uniquely placed to provide input to the development of "Conversation Theory". His role is visible as co-author in key publications. He brought vital concepts, including teachback, to that theory, as well as creating tests and knowledge maps (entailment meshes and structures) that are central to it.

After some years practising his educational cybernetics as a local education officer, he returned to academia working in learning support technologies. He developed more relaxed approaches to complement Conversation Theory, and has been responsible for much quality material, both in the theory of Computer Aided Learning, and in material to be learnt.

The consistent importance of his work, the significance of his contribution to what is generally described as Pask's work, and his extensions of this work since, is impressively demonstrated in his recent book "Explorations in Second-Order Cybernetics". His debt to Pask is more than adequately paid in the collection of early Pask papers ("Gordon Pask: The Cybernetics of Self-Organisation, Learning and Evolution") he edited and commented on.

Bernard Scott has made a great, if not always easily visible, contribution to the doing of cybernetics and the unification of cybernetic thinking, especially with educational action.

*Ranulph Glanville.*

Ranulph Glanville
President of the American Society for Cybernetics
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