The Wiley Handbook of Evolutionary Neuroscience. Wiley Clinical Psychology Handbooks

Description: Evolutionary neuroscience is an interdisciplinary research field that studies the evolution of brains and cognition. Drawing on both neuroscience and biology, evolutionary neuroscientists work across species in order to better understand how biology builds minds, and how this informs our scientific understanding of the human brain. The Wiley Handbook of Evolutionary Neuroscience unifies these two linked aspects of the field, embedding them in a strong theoretical framework in order to create a comprehensive reference for advanced students and researchers.

Chapters provide a thorough overview of brain structure and development, an exploration of how brains change through evolution and experience, and a discussion of how brains interact. The text also offers a balanced view of brain anatomy, looking beyond higher vertebrates to reveal the common mechanisms that govern computation and behavior across widely disparate species. Combining a broad focus with authoritative coverage, The Wiley Handbook of Evolutionary Neuroscience is a rigorous introduction to an active and important field.

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