



Foundations in Evolutionary Cognitive Neuroscience

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This book is an introduction to the emerging field of evolutionary cognitive neuroscience, a branch of neuroscience that combines the disciplines of evolutionary psychology and cognitive neuroscience. It outlines the application of cognitive neuroscientific methods (e.g., functional magnetic resonance imaging, transcranial magnetic stimulation, magneto- and electroencephalography, and the use of neuropsychiatric and neurosurgical patients) to answer empirical questions posed from an evolutionary meta-theoretical perspective. Chapters outline the basics of cognitive evolution and how the methods of cognitive neuroscience can be employed to answer questions about the presence of evolved cognitive adaptations. Written for graduate students and researchers, the book presents the major topics of study undertaken by evolutionary cognitive neuroscientists - such as language evolution, intelligence and face processing - and serves as a primer upon which to base further study in the discipline.

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Editorial Review

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