The Wiley Handbook on the Cognitive Neuroscience of Addiction

Description: Drug abuse and addiction are major societal problems, with annual economic costs that exceed $600 billion in the United States alone. The application of theory and methods from cognitive neuroscience has become increasingly important in the effort to better understand the mechanisms that contribute to the development and maintenance of addictive behavior. In addition, cognitive neuroscience techniques are proving highly valuable for research aimed at developing strategies to prevent and treat drug addiction. This volume provides a comprehensive, up-to-date synthesis of this expansive and highly influential literature by bringing together contributions from leading authorities in the field.

The book is divided into six sections that span the breadth of the cognitive neuroscience of addiction; these include an inclusive review of current research and theory in all major conceptual and methodological domains of inquiry, and a synopsis of cutting-edge emerging themes and new directions that will shape the future of the study of drug addiction from the perspective of cognitive neuroscience. The book will serve as an accessible and thorough resource for researchers, graduate-level and postdoctoral trainees, and clinical practitioners who are interested in the study and treatment of drug addiction.

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