

# Cognitive Behavioral Neuroscience in Organizational Settings

Part of the Advances in Human Resources Management and Organizational Development Book Series

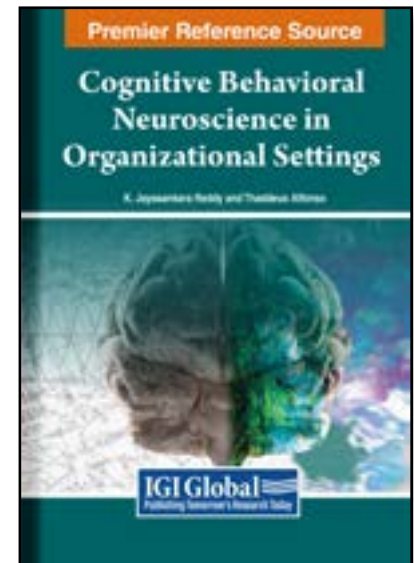
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## Description:

In a world characterized by constant changes, organizations grapple with the complex task of understanding and enhancing human behavior within their ranks. The burgeoning interest in cognitive behavioral neuroscience (CBN) for unraveling the intricacies of organizational dynamics has paved the way for a groundbreaking shift. However, the application of CBN in Human Resource Development and Management (HRDM) remains in its infancy, creating a void between scientific inquiry and practical implementation. As organizations yearn for evidence-based strategies to enhance talent identification, team selection, training, and overall performance, a critical need emerges for a comprehensive guide that bridges this gap.

**Cognitive Behavioral Neuroscience in Organizational Settings** is a groundbreaking book that illuminates the unexplored territory of CBN in HRDM. Positioned as a catalyst for change, this comprehensive guide serves as the linchpin connecting theoretical foundations with real-world applications. Seamlessly navigating through the basics of neuroscience, the anatomy and functions of the brain, and the role of neuroscience in organizational behavior, establishes the groundwork for a new academic discipline. By delving into higher cognitive processes, artificial intelligence integration, neuroscience methods, and CBN-based interventions, the book offers a roadmap to revolutionize how organizations understand, manage, and enhance their human capital.

This book is not just a scholarly exploration; it is a call to action. For academic scholars seeking to contribute to the evolution of CBN in HRDM, this is a unique opportunity to be at the forefront of a transformative movement. Pioneering the integration of innovative neuroscience techniques, artificial intelligence, and practical interventions, this guide empowers scholars to actively shape the future of organizational development.



**ISBN:** 9798369318584

**Pages:** 310

**Copyright:** 2024

**Release Date:** April, 2024

**Hardcover:** \$295.00

**E-Book:** \$295.00

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E-Book:** \$355.00

## Topics Covered:

- Artificial Intelligence in HRDM
- Basics of Neuroscience for Organizations
- Behavioral Assessments in Organizations
- Brain Anatomy and Functions
- CBN and HRDM in the Digital World
- Cognitive and Behavioral Skills Training
- CBN-Based Interventions
- Decision Making in Organizations
- EEG, ERP, Neurofeedback in HRDM
- Introduction to AI in HRDM
- Memory and Organizational Behavior
- Neuroscience Methods in HRDM
- Organizational Cognitive Processes
- Social Cognitive Neuroscience

**Subject:** Medicine & Healthcare

**Classification:** Edited Reference

**Readership Level:** Advanced-Academic Level  
(Research Recommended)

**Research Suitable for:** Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners

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