DESCRIPTION

The definitive guide to 21st century investigations of multilingual neuroscience

The Handbook of the Neuroscience of Multilingualism provides a comprehensive survey of neurocognitive investigations of multiple-language speakers. Prominent scholar John W. Schwieter offers a unique collection of works from globally recognized researchers in neuroscience, psycholinguistics, neurobiology, psychology, neuroimaging, and others, to provide a multidisciplinary overview of relevant topics. Authoritative coverage of state-of-the-art research provides readers with fundamental knowledge of significant theories and methods, language impairments and disorders, and neural representations, functions, and processes of the multilingual brain.

Focusing on up-to-date theoretical and experimental research, this timely handbook explores new directions of study and examines significant findings in the rapidly evolving field of multilingual neuroscience. Discussions on the bilingual advantage debate, recovery and rehabilitation patterns in multilingual aphasia, and the neurocognitive effects of multilingualism throughout the lifespan allow informed investigation of contemporary issues.

- Presents the first handbook-length examination of the neuroscience and neurolinguistics of multilingualism
- Demonstrates how neuroscience and multilingualism intersect several areas of research, such as neurobiology and experimental psychology
- Includes works from prominent international scholars and researchers to provide global perspective
Reflects cutting-edge research and promising areas of future study in the dynamic field of multilingual neuroscience

*The Handbook of the Neuroscience of Multilingualism* is an invaluable resource for researchers and scholars in areas including multilingualism, psycholinguistics, second language acquisition, and cognitive science. This versatile work is also an indispensable addition to the classroom, providing advanced undergraduate and graduate students a thorough overview of the field.

### ABOUT THE AUTHOR

**John W. Schwieter** is Associate Professor of Spanish and Linguistics and a Faculty of Arts Teaching Scholar at Wilfrid Laurier University, Canada. He has edited numerous books on cognitive neuroscience and linguistics, including *The Handbook of Translation and Cognition* (with Aline Ferreira, Wiley Blackwell, 2017), *Cognitive Control and Consequences of Multilingualism* (2016), and *The Cambridge Handbook of Bilingual Processing* (2015).

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