

Volume 4, Number 1

2017

Contents

## EDITORIALS

- Editorial – Volume 4, Number 1 2  
Rex L. Cannon

## INVITED SPECIAL SERIES: ESSENTIAL DEFINITIONS

- Coherence: The Measurement and Application of Brain Connectivity 3  
Scott L. Decker, Paul T. Fillmore, and Alycia M. Roberts
- Event-related Potentials (ERP) in Cognitive Neuroscience Research and Applications 14  
Estate M. Sokhadze, Manuel F. Casanova, Emily Casanova, Eva Lamina,  
Desmond P. Kelly, and Irma Khachidze

## SPECIAL FEATURES

- The Crisis in Psychopharmacology Provides an Opportunity for Neuroregulation Treatments to Gain Widespread Acceptance 28  
H. Edmund Pigott

## RESEARCH PAPERS

- Combined Neurofeedback and Heart Rate Variability Training for Individuals with Symptoms of Anxiety and Depression: A Retrospective Study 37  
Elyse K. White, Kayleah M. Groeneveld, Rachel K. Tittle, Nicholas A. Bolhuis,  
Rachel E. Martin, Timothy G. Royer, and Majid Fotuhi

## CLINICAL CORNER

- Breakfast Choices Influence Brainwave Activity: Single Case Study of a 12-year-old Female 56  
Erin K. MacInerney, Ronald J. Swatzyna, Alexandra J. Roark, Bianca C. Gonzalez,  
and Gerald P. Kozlowski