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## **IRREDUCIBLE MIND**

## TOWARD A PSYCHOLOGY FOR THE 21ST CENTURY

## **CONTENTS IN BRIEF**

Chapter 1: A View from the Mainstream: Contemporary Cognitive Neuroscience and the Consciousness Debates (Edward F. Kelly) - A compact history of 20th-century psychology from behaviorism to present-day cognitive neuroscience, emphasizing the inability of these theories to account for many important aspects of mind and consciousness.

Chapter 2: F. W. H. Myers and the Empirical Study of the Mind-Body Problem (Emily Williams Kelly) - An introduction to Myers, an important but neglected figure in 19<sup>th</sup>-century psychology whose work supports the view that mind is not generated by the brain but instead limited and constrained by it. The chapter summarizes Myers's theoretical, empirical, and methodological contributions and their significance for an adequate scientific psychology.

Chapter 3: Psychophysiological Influence (Emily Williams Kelly) - A review of numerous phenomena such as placebo, stigmata, and hypnotic suggestion that demonstrate the influence of mental states on the body. Beginning with phenomena now generally accepted because they appear compatible with current reductionist views of mind-brain relations, the chapter progresses to more extreme but equally well-documented phenomena that undermine these views.

**Chapter 4: Memory** (Alan Gauld) - A critique of "trace" theories of memory, which have been taken as axiomatic by generations of psychologists and neuroscientists but are fraught with profound empirical and conceptual difficulties including those posed by a substantial body of well-documented evidence suggesting that memories sometimes survive bodily death.

Chapter 5: Automatism and Secondary Centers of Consciousness (Adam Crabtree) - An examination of phenomena such as automatic writing and multiple personality that involve conscious psychological processes occurring outside, and often simultaneously with, ordinary waking consciousness, and a critique of the major theories proposed to account for them.

**Chapter 6: Unusual Experiences Near Death and Related Phenomena** (*Emily Williams Kelly, Bruce Greyson, and Edward F. Kelly*) - An overview of near-death experiences, out-of-body experiences, apparitions and deathbed visions, and related phenomena, emphasizing near-death experiences that occur under general anesthesia or during cardiac arrest and thus contravene the conventional belief that consciousness is impossible without a normally functioning brain.

**Chapter 7: Genius** (Edward F. Kelly and Michael Grosso) - A discussion of the importance and challenge of genius-level creativity for scientific psychology, emphasizing the need to move beyond pathologizing and to situate genius within an adequate general theory of human mind and personality.

**Chapter 8: Mystical Experience** (Edward F. Kelly and Michael Grosso) - An overview of psychological and physiological dimensions of this large and humanly vital – but scientifically neglected – family of "ecstatic" states of consciousness, which sometimes occur spontaneously or in response to psychedelic agents, but can also be deliberately cultivated through transformative practices such as meditation.

Chapter 9: Toward a Psychology for the 21st Century (Edward F. Kelly) - Having argued throughout for an enlarged scientific psychology that returns to psychology's great central problems and addresses the mind-body problem empirically, the authors conclude by showing that the theoretical framework developed by Myers and William James, supported now by the tremendous methodological and technical advances of the intervening century, not only accounts for a broader range of human experience but can be reconciled with leading-edge contemporary physics and neuroscience.

The volume also includes a preface, introduction, introductory bibliography of psychical research, comprehensive reference list and index, and CD containing F. W. H. Myers's classic *Human Personality* (1903) and five contemporary reviews.