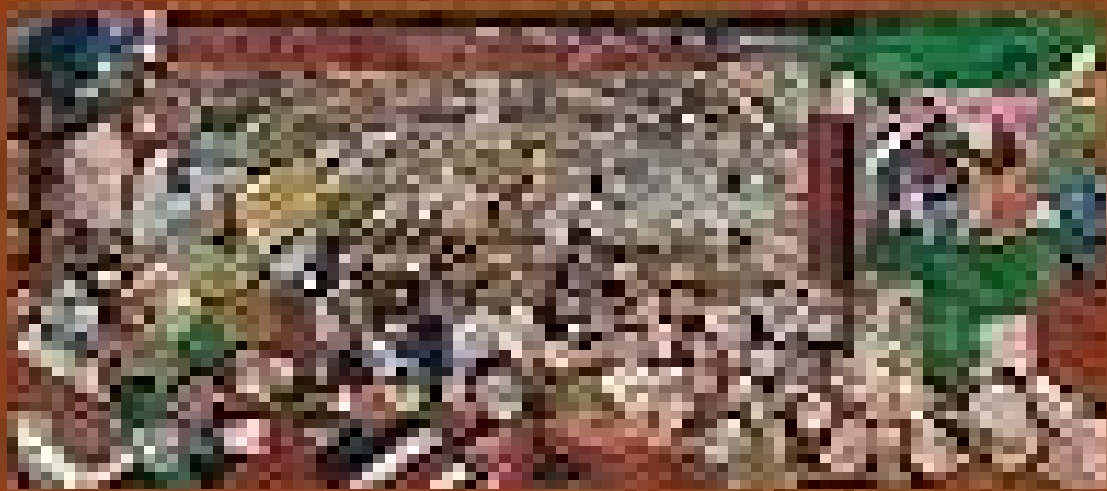


Second Edition

# The COGNITIVE NEUROSCIENCE OF RELIGIOUS EXPERIENCE

*Representing and the Self*



Patrick McNamara

# The Neuroscience Of Religious Experience

**Patrick McNamara**



## **The Neuroscience Of Religious Experience:**

*The Cognitive Neuroscience of Religious Experience* Patrick McNamara, 2022-06-09 The Cognitive Neuroscience of Religious Experience now updated and expanded in a new edition updates key topics covered in the first edition including decentering and self transformation supernatural agent cognitions mystical states religious language ritualization and religious group agency It expands upon the first edition to include major findings on brain and religious experience over the past decade focusing on methodology future thinking and psychedelics It provides an up to date review of brain based accounts of religious experiences and systematically examines the rationale for utilizing neuroscience approaches to religion While it is primarily intended for religious studies scholars people interested in comparative religion philosophy of religion cultural evolution and personal self transformation will find an account of how such transformation is accomplished within religious contexts

*The Neuroscience of Religious Experience* Patrick McNamara, 2009-11-06 Aimed at researchers and graduate students this book describes how brain processes support religious expression and provides a current account of the neuroscience of religion

**Religion, Neuroscience and the Self** Patrick McNamara, 2019-12-23 The purpose of this book is to use neuroscience discoveries concerning religious experiences the Self and personhood to deepen enhance and interrogate the theological and philosophical set of ideas known as Personalism McNamara proposes a new eschatological form of personalism that is consistent with current neuroscience models of relevant brain functions concerning the self and personhood and that can meet the catastrophic challenges of the 21st century Eschatological Personalism rooted in the philosophical tradition of Boston Personalism takes as its starting point the personalist claim that the significance of a self and personality is not fully revealed until it has reached its endpoint but theologically that end point can only occur within the eschatological realm That realm is explored in the book along with implications for personalist theory and ethics Topics covered include the agent intellect dreams and the imagination future orientation and eschatology phenomenology of Time social ethics Love the challenge of AI privacy and solitude and the individual ethic of autarchy This book is an innovative combination of the neuroscientific and theological insights provided by a Personalist viewpoint As such it will be of great interest to scholars of Cognitive Science Theology Religious Studies and the philosophy of the mind

*Neuroscience, Selflessness, and Spiritual Experience* Brick Johnstone, Daniel Cohen, 2019-06-15 Neuroscience Selflessness and Spiritual Transcendence conveys the manner by which selflessness serves as a neuropsychological and religious foundation for spiritually transcendent experiences The book combines neurological case studies and neuroscience research with religious accounts of transcendence experiences from the perspective of both the neurosciences and the history of religions Chapters cover the subjective experience of transcendence an historical summary of different philosophical and religious perspectives a review of the neuroscience research that describes the manner by which the brain processes and creates a self and more The book presents a model that bridges the divide between neuroscience and religion presenting a resource that will be

critical reading for advanced students and researchers in both fields Creates a common focus on selflessness as a reliable construct for use by all disciplines interested in the basis of spiritual experience Links neuroanatomical data with religious texts from multiple faith traditions to describe the necessity of selflessness for spiritual experience and transformation Highlights disorders in neurological functioning that result in disorders of the self      **Principles of Neurotheology** Andrew B. Newberg,2010 Principles of Neurotheology sets out the necessary principles of the field which can be used as a foundation for future neurotheological discourse Laying the groundwork for a new synthesis of scientific and theological dialogue this book proposes that neurotheology a term fraught with potential problems is a highly useful and important voice in the greater study of religious and theological ideas and their intersection with science      Neurotheology Andrew Newberg,2018-03-27 Religion is often cast in opposition to science Yet both are deeply rooted in the inner workings of the human brain With the advent of the modern cognitive neurosciences the scientific study of religious and spiritual phenomena has become far more sophisticated and wide ranging What might brain scans of people in prayer in meditation or under the influence of psychoactive substances teach us about religious and spiritual beliefs Are religion and spirituality reducible to neurological processes or might there be aspects that at least for now transcend scientific claims In this book Andrew Newberg explores the latest findings of neurotheology the multidisciplinary field linking neuroscience with religious and spiritual phenomena He investigates some of the most controversial and potentially transformative implications of a neurotheological approach for the truth claims of religion and our understanding of minds and brains Newberg leads readers on a tour through key intersections of neuroscience and theology including the potential evolutionary basis of religion the psychology of religion including mental health and brain pathology the neuroscience of myths rituals and mystical experiences how studies of altered states of consciousness shed new light on the mind brain relationship and what neurotheology can tell us about free will When brain science and religious experience are considered together in an integrated approach Newberg shows we might come closer to a fuller understanding of the deepest questions

Neuroscience of Religion Sasa Horvat,Piotr Roszak,2026-01-11 This book offers theologians philosophers and neuroscientists accessible and engaging material for navigating the complex field of the neuroscience of religion It addresses the challenge of how scholars in the humanities can meaningfully engage with research and data from the hard sciences demonstrating how neuroscience both influences and is influenced by philosophical and theological inquiry With contributions from experts in neuroscience cognitive science psychology theology and philosophy this collection provides a valuable starting point for exploring how empirical research can inform and enrich the study of religious experience and belief Essential reading for scholars of religious studies philosophy theology and neuroscience especially those eager to broaden their horizons of investigation      **Religious Experience Reconsidered** Ann Taves,2011-10-23 Annotation Ann Taves addresses the subject of religious experience directly and the problems of reductionism and humanistic fears of the

sciences indirectly and by example The orientation of this book is practical more than philosophical **Sacred Or Neural?** Anne L. C. Runehov, 2007 Are religious spiritual experiences merely the product of the human nervous system Anne L C Runehov investigates the potential of contemporary neuroscience to explain religious experiences **Senses, Cognition, and Ritual Experience in the Roman World** Blanka Misić, Abigail Graham, 2024-01-25 Explores how the senses shaped the way the Romans perceived understood and remembered ritual experiences The New Frontier of Religion and Science J. Hick, 2006-11-13 This is the first major response to the challenge of neuroscience to religion It considers eastern forms of religious experience as well as Christian viewpoints and challenges the idea of a mind identical to or a by product of brain activity It explores religion as inner experience of the Transcendent and suggests a modern spirituality **Religion and Science: The Basics** Philip Clayton, 2018-09-20 Religion and science are arguably the two most powerful social forces in the world today But where religion and science were once held to be compatible many people now perceive them to be in conflict This unique book provides the best available introduction to the burning debates in this controversial field Examining the defining questions and controversies renowned expert Philip Clayton presents the arguments from both sides asking readers to decide for themselves where they stand science or religion or science and religion history and philosophy of science the role of scientific and religious ethics modifying genes extending life and experimenting with human subjects religion and the environmental crisis the future of science vs the future of religion Thoroughly updated throughout this second edition explores religious traditions from around the world and provides insights from across the sciences making this book essential reading for all those wishing to come to their own understanding of some of the most important debates of our day **The Spiritual Brain** Mario Beauregard, Denyse O'Leary, 2007-09-04 Do religious experiences come from God or are they merely the random firing of neurons in the brain Drawing on his own research with Carmelite nuns neuroscientist Mario Beauregard shows that genuine life changing spiritual events can be documented He offers compelling evidence that religious experiences have a nonmaterial origin making a convincing case for what many in scientific fields are loath to consider that it is God who creates our spiritual experiences not the brain Beauregard and O Leary explore recent attempts to locate a God gene in some of us and claims that our brains are hardwired for religion even the strange case of one neuroscientist who allegedly invented an electromagnetic God helmet that could produce a mystical experience in anyone who wore it The authors argue that these attempts are misguided and narrow minded because they reduce spiritual experiences to material phenomena Many scientists ignore hard evidence that challenges their materialistic prejudice clinging to the limited view that our experiences are explainable only by material causes in the obstinate conviction that the physical world is the only reality But scientific materialism is at a loss to explain irrefutable accounts of mind over matter of intuition willpower and leaps of faith of the placebo effect in medicine of near death experiences on the operating table and of psychic premonitions of a loved one in crisis to say nothing of the occasional sense of oneness with nature and mystical experiences in meditation

or prayer Traditional science explains away these and other occurrences as delusions or misunderstandings but by exploring the latest neurological research on phenomena such as these The Spiritual Brain gets to their real source

**The Mystical Mind** Andrew B. Newberg, Eugene G. D'Aquili, 1999 How does the mind experience the sacred What biological mechanisms are involved in mystical states and trances Is there a neurological basis for patterns in comparative religions Does religion have an evolutionary function This pathbreaking work by two leading medical researchers explores the neurophysiology of religious experience Building on an explanation of the basic structure of the brain the authors focus on parts most relevant to human experience emotion and cognition On this basis they plot how the brain is involved in mystical experiences Successive chapters apply this scheme to mythmaking ritual and liturgy meditation near death experiences and theology itself Anchored in such research the authors also sketch the implications of their work for philosophy science theology and the future of religion

*Hearing Voices and Other Matters of the Mind* Robert N. McCauley, George Graham, 2020-05-04 *Hearing Voices and Other Matters of the Mind* examines the long recognized and striking similarities between features of mental disorders and features of religions Robert McCauley and George Graham emphasize underlying cognitive continuities between familiar features of religiosity of mental disorders and of everyday thinking and action They contend that much religious thought and behavior can be explained in terms of the cultural activation of humans natural cognitive systems which address matters that are essential to human survival hazard precautions agency detection language processing and theory of mind Those systems produce responses to cultural stimuli that may mimic features of cognition and conduct associated with mental disorders but are sometimes coded as religious depending on the context Their approach promises to shed light on both mental abnormalities and religiosity

[Encyclopedia of Religion](#), 2005

**Explorations in Neuroscience, Psychology and Religion** Kevin S. Seybold, 2016-04-15 In the 1990s great strides were taken in clarifying how the brain is involved in behaviors that in the past had seldom been studied by neuroscientists or psychologists This book explores the progress begun during that momentous decade in understanding why we behave think and feel the way we do especially in those areas that interface with religion What is happening in the brain when we have a religious experience Is the soul a product of the mind which is in turn a product of the brain If so what are the implications for the Christian belief in an afterlife If God created humans for the purpose of having a relationship with him should we expect to find that our spirituality is a biologically evolved human trait What effect might a disease such as Alzheimer's have on a person's spirituality and relationship with God Neuroscience and psychology are providing information relevant to each of these questions and many Christians are worried that their religious beliefs are being threatened by this research Kevin Seybold attempts to put their concerns to rest by presenting some of the scientific findings coming from these disciplines in a way that is understandable yet non threatening to Christian belief

**The New Frontier of Religion and Science** J. Hick, 2006-11-24 This is the first major response to the challenge of neuroscience to religion It considers eastern forms of religious experience as well as

Christian viewpoints and challenges the idea of a mind identical to or a by product of brain activity It explores religion as inner experience of the Transcendent and suggests a modern spirituality

**Where God and Science Meet** Patrick McNamara Ph.D.,2006-09-30 In this far reaching and novel work experts from across the nation and around the world present evolutionary neuroscientific and psychological approaches to explaining and exploring religion including the newest findings and evidence that have spurred the fledgling field of neurotheology Spiritual practices or awakenings have an impact on brain mind and personality These changes are being scientifically predicted and proven For example studies show Buddhist priests and Franciscan nuns at the peak of religious feelings show a functional change in the lobes of their brain Similar processes have been found in people with epilepsy which Hippocrates called the sacred disease New research is showing that not only does a person s brain activity change in particular areas while that person is experiencing religion epiphany but that such events can be created for some people even self professed atheists by stimulating various parts of the brain It is not the goal of neurotheology to prove or disprove the existence of God but to understand the biology of spiritual experiences Such experiences seem to exist outside of time and space caused by the brain losing its perception of a boundary between physical body and outside world Understanding why this is the case could help explain other intangible events such as altered states of consciousness possession supposed alien visitations near death experiences and out of body events Understanding how and why these abilities evolved in the brain could also help us understand how religion contributes to the survival of the human race

**Questions in the Psychology of Religion** Kevin S. Seybold,2017-03-16 What does it means to be human What is the origin of religious beliefs Why are we moral creatures Are religious experiences different from our everyday experiences Is my brain involved in my experiencing God What is a soul and do I have one Is religion a result of evolutionary processes How might psychology and religion relate Religious experiences behaviors thoughts and emotions are determined at least in part by natural physical processes As a result the empirical methods used in psychology to try to identify the natural mechanisms that influence why we act think and feel the way we do can provide important insights into the fundamental and universal phenomena of religion Drawing on current research from a variety of disciplines Questions in the Psychology of Religion is appropriate for college students studying psychology pastors as they help their congregations understand how religion and science might go together and anyone who learns about recent discoveries in psychological science and wonders how these findings pertain to religion and religious experiences

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