Mental Mediumship Research

Communication with the deceased is a normal and useful aspect of cultures all over the world. Although it is possible for anyone to experience communication from the deceased, a medium is someone who has this experience regularly, reliably, and often on-demand. Here, research performed since 2001 with mental mediums is reviewed.

Background

The phenomenon of mediumship, experiences of communication with the deceased, has been reported across cultures throughout the world since antiquity. This task may be performed by special members of the community, called shamans. Only relatively recently have Western cultures shown interest in individuals with these abilities, now often called mediums, psychic mediums, or spirit mediums.

Mediums can be defined as individuals who report experiencing regular communication with the deceased. Psychics, on the other hand, convey information about people, events, places, or times unknown to them but not about the deceased. It is often said that all mediums are psychic but not all psychics are mediums. In addition, although it is possible for anyone to have mediumistic and/or psychic experiences, only those who have these experiences regularly and reliably are accurately termed mediums or psychics.

Two main types of mediumship exist—physical and mental—and the states of consciousness that occur during either may be 'arrayed along a continuum from waking states to trance states... of varying depth and levels of dissociation.' Thus, referring to any individual medium or event with the descriptors 'trance' or 'waking state' does not accurately reflect the current understanding of the phenomena. During physical mediumship, phenomena occur such as independent voices, paranormal lights, apports (objects that mysteriously appear), the levitation or movement of objects, ectoplasm, and raps on walls or tables. The purpose of mental mediumship is to convey messages (usually verbally) from deceased people or animals ('discarnates') to living people ('sitters') during a specific event (a reading). Various aspects of research with mental mediums are discussed below.

History

Beginning in 1882, the founding members of the Society for Psychical Research used objective scientific methods and experiments to examine claims of mediumship and related experiences. However, by the 1950s mediumship researchers had become frustrated by an inability to determine the source of mediums' information (see also below). Psychical researchers began to turn their attention toward other anomalous mental processes and psychic abilities, while 'scientific research into mediumship... steadily declined.' Indeed, progress in the evaluation of the information provided by mediums has been slow compared to developments in other areas of parapsychological research. Furthermore, it has often been noted that historical mediumship research lacked the proper research design, statistical power, and elimination of potential sources of error for current researchers to find value in historical studies.

In the early 2000s there was a resurgence in studies of mediums that amounted to 'a significant increase in research output over the previous 70 years.' However, fewer than ten research groups have published original peer-reviewed research with modern mental mediums since 2007. These studies have included populations of British Spiritualist mediums, Brazilian and Puerto Rican Spiritist mediums, and secular American mediums who do not practice mediumship within an organized religion or belief system.

Although research with mental mediums can currently be found within fields of study including consciousness research, clinical psychology, transpersonal psychology, bereavement research, anthropology, and neurobiology, it traditionally fell under the purview of parapsychology or psychical/psi research. However, within parapsychology, which primarily examines the Big Four (telepathy, clairvoyance, precognition, and psychokinesis), only 'an occasional nod' has been given to topics like mediumship and life after death.

Limitations
Several factors have limited progress in the field of mental mediumship research. These include stigma around the topic and restricted financial support and personnel.

**Stigma**

Mediumship of any kind 'is generally considered a deviant way of knowing within a dominantly scientific Western culture.' So while the attention that mediumship has received within Western popular culture has recently expanded, it often remains a taboo subject in scientific, government, social, and clinical circles. Thus, compared to socially acceptable fields of study, relatively little research has been conducted with mediums.

**Funding**

Effective and relevant research studies require funding to be completed. In the US, most scientific research is funded by government grants, private companies, and non-profit foundations. Parapsychological research worldwide, of which mediumship research represents only a small portion, is primarily funded by the Bial Foundation, the Society for Psychical Research, and the Parapsychological Association. These parapsychology grants provide, on average, less than 5% of the support that a grant from the National Institutes of Health (NIH) or the National Science Foundation (NSF) in the US would provide for medical research or research and education in science and engineering, respectively.

**Personnel**

As a result of funding limitations, very few individuals are currently performing mediumship research. While there are, according to the Bureau of Labor Statistics, currently around 20,000 physicists and astronomers, 31,500 biochemists and biophysicists, and 120,000 medical scientists in the US, as stated above, fewer than ten research groups globally have carried out original peer-reviewed mediumship research in the last ten years.

**Research Studies**

Although limited by the issues discussed above, contemporary research has included examinations of mental mediums’ accuracy, experiences, physiology, and psychology, and the potential clinical applications of mediumship readings in the treatment of bereavement. These modern studies have employed technologies, such as Internet-based participant recruitment, digitally recorded phone readings, and scoring by e-mail, that were not readily available during early research and have used both quantitative (collecting numerical data) and qualitative (collecting non-numerical data) methods.

**Accuracy**

The primary question at the heart of mediumship accuracy testing asks, ‘Is the information a medium reports about a deceased person accurate?’ If the answer is yes, the secondary question is ‘Could the medium have obtained that information through any normal, sensory means?’

Mediums perform readings for sitters in their own practices under various conditions. In order to appropriately bring mediumship into a laboratory setting for accuracy testing, the research should include two equally important factors: (a) a research environment that optimizes the mediumship process for both the medium and the hypothesized discarnate in order to increase the probability of capturing the phenomenon, if it exists, in a laboratory setting, and (b) research methods that maximize the experimental blinding of the medium, the rater, and the experimenter in order to eliminate all conventional explanations for the reported information and its accuracy and specificity.

Contemporary researchers who have collected data to test mediums’ accuracy include: Robertson and Roy (Scotland), O’Keeffe and Wiseman (UK), Jensen and Cardeña (Denmark and Sweden), Kelly and Arcangel (University of Virginia, US), and Beischel and colleagues (Windbridge Institute, US). Peer-reviewed criticisms of this research call into question the investigators’ conclusions, referring to issues with the abilities of the mediums being tested, inefficient experimental blinding, problematic research environments, and inadequacies in how readings are presented to sitters for scoring.

Several researchers have attempted to test the accuracy of participants who were not pre-screened to ensure that they would be able to perform under the conditions of the experiment. In a 2005 study by O’Keeffe and Wiseman, the participating mediums ‘were recruited via a list of certified mediums provided by the Spiritualists Nationalist Union’ and...
Studies by Schwartz and colleagues from the early 2000s have been criticized\textsuperscript{[51],[52]} for failing to control for sensory leakage, insufficient experimenter blinding, inappropriate statistical analyses, deficiencies in addressing rater bias, and inadequate descriptions of methodologies, analysis plans, and results. The 2011 studies by Kelly and Arcangel\textsuperscript{[53]} have been criticized\textsuperscript{[45]} for a lack of participant pre-screening as well as incomplete experimental blinding that included providing the mediums with photographs of the deceased.

Taking into account the criticisms listed above and the contemporary mediumship literature, it has been proposed\textsuperscript{[55]} that effective accuracy testing of mental mediums should include the following:

1. Experimenters should be respectful of the mediums, sitters, and their processes.
2. Mediums need to be pre-screened to demonstrate they are capable of the tasks that will be asked of them during the experiment.
3. Laboratory environments need to be optimized to allow the mediums to be successful in the experiments, if possible. This may require providing a 'seed' of information about the discarnate or sitter on which the medium can mentally focus but that does not give away enough information that a seemingly accurate reading could be fabricated from it.
4. Sufficient levels of blinding must be in place to ensure that fraud and sensory cueing are not responsible for the results. At a minimum this means:
   - the mediums are blinded to the identity of the target discarnate and the respective sitter
   - the sitters are blinded to the identity of the medium performing the reading, are given more than one reading to score, and are blinded to whether a reading was intended for them or for someone else (target or decoy, respectively) during scoring
   - the experimenters who act as or manage proxy sitters and prepare transcripts of readings for scoring are blinded to the identity of the target discarnates and the respective sitters
   - the experimenters who distribute the readings for scoring by the sitters and analyze the results that are returned are blinded to whether each reading is a target or a decoy

Taken together, the research performed over the last two decades examining the accuracy of mediums’ statements collected under controlled experimental conditions has effectively demonstrated anomalous information reception (AIR) by mediums. That is, this collection of evidence demonstrates that certain mediums are able to report accurate and specific information about the deceased with minimal prior knowledge about the deceased or their associated sitters, with no feedback during or after the readings, and without using fraud or deception. However, these data cannot determine the source of the information:

Two hypotheses have been proposed as explanations for the presumably psi-based source of accurate information reported by mediums: the term survival psi\textsuperscript{[56]} is used to describe the theoretical phenomenon in which mediums communicate telepathically with the deceased and the term somatic psi\textsuperscript{[57]} is used for the competing theory that mediums use telepathy with the living, clairvoyance (including of a psychic reservoir), and/or precognition but not communication with the deceased to acquire information. Because the types of information theoretically accessible using psi and the times at which they could be accessed are limitless, accuracy data cannot distinguish between these two theories. As a result of this 'survival psi versus somatic psi' impasse, qualitative phenomenological methodologies have been used to collect data regarding mediums’ experiences and examine which explanation they better support\textsuperscript{[58]}

**Experiences**

Several research groups have systematically examined the experiences of mediums using both qualitative and quantitative methods. For example, Emmons and Emmons\textsuperscript{[59]} interviewed 40 mediums and observed participants during Spiritualist services primarily in the Lily Dale community in New York. Rock and Beischel\textsuperscript{[60]} examined the experiences of seven Windbridge Certified Research Mediums (WCRMs, mediums who were previously screened and certified using published criteria\textsuperscript{[61]}) during mediumship readings for the deceased and a control condition in which no communication occurred, using a questionnaire that provides quantitative data about various experiential elements. Rock, Beischel, and Cott\textsuperscript{[62]} qualitatively examined descriptions provided by six WCRMs regarding their experiences of mediumship readings for the
deceased and psychic readings about/for living clients. Roxburgh and Roe\(^\text{[63]}\) qualitatively analyzed descriptions of experiences from ten Spiritualist mediums in the UK. Beischel, Mosher, and Boccuzzi\(^\text{[64]}\) used both quantitative and qualitative methods to examine descriptions of mediumistic and psychic experiences provided by 122 secular American mediums (those not associated with any formal religious organization; 14 WCRMs and 108 self-reported).

The body of literature describing the experiences of modern mental mediums found that they include:

- an altered state of consciousness
- several mental sensory modalities functioning simultaneously, most often seeing, hearing, and feeling
- specific bodily sensations
- an emotional component
- ‘just knowing’ information about the deceased

Findings from the literature also demonstrate that mediums report an ability to differentiate between experiences of communication with the deceased and psychic readings for living targets and that these experiences may have both similarities and differences. For example, both types of experiences include emotional and sensory components. Differences between the two types of experiences involve cognitive differences in how the information is experienced and the sources from which it comes. Mediumistic information is usually experienced as coming only from discarnate communicators, whereas psychic information may arrive from multiple sources: from dreams, from the living client’s energy, from guides, from Source/the Universe/the Divine, and from non-specific discarnates unrelated to the living client.\(^\text{[65]}\)

The finding that psychic experiences may include communication with the deceased draws into question unsupported claims that mediums are using psi with the living to obtain information about the deceased when this current finding implies that they are, at least partially, communicating with the deceased in order to acquire information about the living.\(^\text{[66]}\)

It also ‘calls into question theoretical frameworks that posit separating mediums’ experiences into categories that do and do not involve communication with the deceased as well as the continued use of terminology reflecting such a separation.’\(^\text{[67]}\) This would involve an acceptance that terms such as ‘survival psi, somatic psi, and even the oft-mentioned “super-psi” are theoretical constructs; just names for ideas that are not backed by any empirical evidence’\(^\text{[68]}\) and do not reflect actual experiences. Thus, these terms are not useful in discussions of modern mental mediums’ experiences.

**Physiology**

Researchers have monitored brain activity and general bodily processes in order to assess unique physiological characteristics of mediums. Peres and colleagues\(^\text{[69]}\) used single photon emission computed tomography (SPECT) and found that the brain activity in ten Brazilian Kardecist Spiritist *psychographers* (mediums who perform automatic writing) was different while they wrote during trance and during control, non-trance states.

Maraldi and Krippner\(^\text{[70]}\) examined the hand temperature, heart rate, bilateral skin conductance, electroencephalography (EEG), and electromyography (EMG) of head and neck muscles of a Brazilian mediumistic/spirit painter and found incongruity between peripheral and central physiological responses.

Delorme and colleagues\(^\text{[71]}\) used EEG to monitor the brain activity of six WCRMs while the mediums engaged in four mental tasks: thinking about a living person known to them, fabricating a person and thinking about them, listening to information spoken by an experimenter, and mentally interacting with a deceased person they knew. The study’s findings suggested that the specific mental state occurring during communication with the deceased differs from normal thinking or imagination.

**Psychology**

Overall, research examining the psychological characteristics of mental mediums has demonstrated that they do not exhibit symptoms of mental illness or disorders, moreover that they have greater psychological wellbeing and experience less stress than non-mediums. Reinsel\(^\text{[72]}\) found that the after-effects of performing readings included relaxation, clarity, energy, and happiness for the 52 mediums and sensitives who completed a questionnaire about their experiences.

Moreira-Almeida and colleagues\(^\text{[73]}\) found that although Kardecist Spiritist mediums in Brazil may exhibit what can be classified as dissociative experiences, because they occur during religious or spiritual contexts, they do not necessarily
imply mental illness. In addition, when compared to clinical populations, these mediums were more socially adjusted and demonstrated fewer indicators of mental disorders.74

During the SPECT study described above, Peres and colleagues75 performed structured clinical interviews with the ten Kardecist Spiritist psychographers and did not find any psychiatric illness. Roxburgh and Roe76 surveyed 80 Spiritualist mental mediums and 79 non-medium Spiritualists in the UK and found that the mediums scored higher on measures of psychological wellbeing and lower when psychological distress was assessed. After qualitatively analyzing the content of interviews with six mediums, Taylor and Murray77 concluded that the experience of hearing voices reduced anxiety and distress, added meaning and purpose to the mediums’ lives, and provided input about managing the experiences.

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Literature


https://www.karger.com/Article/Pdf/96365


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**References**

**Footnotes**

5. Fontana, 2005, p. 244.
19. e.g., Roxburgh & Roe, 2013.
20. e.g., Moreira-Almeida & Koss-Chioino, 2009.
21. e.g., Rock, Beischel, & Cott, 2009.
25. *https://undsci.berkeley.edu/article/who_pays
28. *https://www.spr.ac.uk/research/funding-research
30. Calculated by comparing the average of Bial Foundation, Society for Psychical Research, and Parapsychological Association grants with the average of National Institutes of Health and National Science Foundation grants.
32. *https://www.nsf.gov/awards/about.jsp
37. e.g., Roy & Robertson, 2001; Robertson and Roy, 2004.
42. Beischel, Boccuzzi, Biuso, & Rock, 2015.
44. O’Keeffe & Wiseman, 2005.
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70. Maraldi & Krippner, 2013.
76. Roxburgh & Roe, 2011.