

How Psychologists Study Social Behavior

Scientific research is a bit like detective work. A detective begins with a mystery and a set of procedures for solving that mystery: interview witnesses, look for a motive, try to rule out various suspects, examine the material evidence, and so on. There are pitfalls at every step: witnesses may lie or base their testimony on unfounded assumptions, some motives may be hidden, and the evidence may have been tampered with. Like other scientists, social psychologists begin with mysteries. We opened this chapter with several, including: What causes people to engage in unusual mob behavior, as in the swooning crowds of Sinatra fans? What causes some people to thirst for achievement, as in the case of mountain-climbing socialite Sandy Hill Pittman? Like detectives, social psychologists have a set of procedures for solving such mysteries and, like detectives, they must also be aware of certain potential pitfalls involved in using these procedures. The methods used by social psychologists can be roughly divided into two categories: descriptive and experimental. Descriptive methods involve attempts to measure or record behaviors, thoughts, or feelings in their natural state. When psychologists use descriptive methods, they hope to record behaviors without changing them in any way. Experimental methods, on the other hand, are attempts to manipulate social processes by varying some aspect of the situation. Experiments do not necessarily tell us the when and where of everyday social encounters outside the laboratory, but they help us understand and explain those encounters, answering the "why" question.

Descriptive Methods

How does one go about carefully describing social behavior? Social psychologists use five major types of descriptive methods: naturalistic observation, case studies, archives, surveys, and psychological tests.

Naturalistic Observation

Perhaps the most straightforward descriptive method is naturalistic observation. It involves, quite simply, observing behavior as it unfolds in its natural setting. As one example, Irenäus Eibl-Eibesfeldt (1975) visited numerous cultures around the world and used a hidden camera to observe women flirting with men. In another study of nonverbal communication between the sexes, psychologist Monica Moore (1985) went to a setting where she expected women to naturally show a lot of nonverbal flirtation behaviors—a singles' bar. There she found several patterns of behavior not likely to be seen in comparison settings such as a library or women's center meeting. For instance, a woman in the bar would frequently glance at a man for a few seconds, smile, flip her hair, and tilt her head at a 45-degree angle so her neck was exposed. Naturalistic observation has a number of advantages as a research method. Behavior in a natural setting is spontaneous, for example, rather than artificial and contrived. In contrast,

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John Hall Elliott, Dan Otto Via



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The Scientific Study of Social Behavior Michael Argyle, 1957 The scientific study of social behaviour Michael Argyle, 1959 *The Scientific Study of Social Behaviour (Psychology Revivals)* Michael Argyle, 2013-11-26 Originally published in 1957 this book presented an up to date account of psychological research into human social behaviour of the time There are chapters on interaction between pairs of people behaviour in small social groups and human relations in industry The author avoided the adoption of any particular theoretical position and concentrated on the established empirical findings of the time The results of several hundred investigations are summarised and compared so that the principal generalisations which emerge can be seen Stress is placed on rigorous methods of research and a critical account is given of current techniques of social research showing the importance of experimental and statistical methods Careful consideration is given to the danger of the investigator disturbing what is being investigated Use is made of recent ideas about theory and explanation and the different kinds of theory used in experimental psychology were considered for the first time as possible ways of accounting for group behaviour This book was intended not only for students of psychology and of the other social sciences but also for industrialists administrators and indeed all who were interested in the laws underlying social behaviour Today it can be read and enjoyed in its historical context The Scientific Study of Social Behaviour (Psychology Revivals) Michael Argyle, 2013-11-26 Originally published in 1957 this book presented an up to date account of psychological research into human social behaviour of the time There are chapters on interaction between pairs of people behaviour in small social groups and human relations in industry The author avoided the adoption of any particular theoretical position and concentrated on the established empirical findings of the time The results of several hundred investigations are summarised and compared so that the principal generalisations which emerge can be seen Stress is placed on rigorous methods of research and a critical account is given of current techniques of social research showing the importance of experimental and statistical methods Careful consideration is given to the danger of the investigator disturbing what is being investigated Use is made of recent ideas about theory and explanation and the different kinds of theory used in experimental psychology were considered for the first time as possible ways of accounting for group behaviour This book was intended not only for students of psychology and of the other social sciences but also for industrialists administrators and indeed all who were interested in the laws underlying social behaviour Today it can be read and enjoyed in its historical context Social, Behavioral, and Economic Science Research United States. Congress. House. Committee on Science, Space, and Technology (2011). Subcommittee on Research and Science Education, 2011 George Herbert Mead Peter Hamilton, 1992 **Scientific Advisory Committee on TV and Social Behavior** United States. Congress. Senate. Committee on Commerce. Subcommittee on Communications, 1971 **Scientific Advisory Committee on TV and Social Behavior, Hearings Before the Subcommittee on Communications...92-1, September 28, 1971** United States. Congress. Senate.

Commerce,1971 **Research Methods in Social Relations** Geoffrey Maruyama,Carey S. Ryan,2014-06-11 Research Methods in Social Relations 8th Edition features a series of updates and revisions in its comprehensive introduction to current research methods in the social and behavioural sciences Offers comprehensive coverage of a wide variety of traditional and topical research methods Addresses many newer research approaches such as propensity score matching mixed methods designs and confirmatory factor analysis Written to be accessible to a range of social and behavioural science disciplines including public health political science sociology and psychology Includes new chapters that engage readers in critical thinking about the processes involved in building sustainable partnerships in field and community settings The Companion website includes an array of resources for Instructors including Test Banks Power Point lecture slides discussion questions and exercises This new edition is the much anticipated follow up to 2001 s seventh edition by Hoyle Harris and Judd **Religion, Personality, and Social Behavior** Vassilis Saroglou,2013-07-24 Psychological interest in religion in terms of both theory and empirical research has been constant since the beginning of psychology However since the beginning of the 21st Century partially due to important social and political events and developments interest in religion within personality and social psychology has increased This volume reviews the accumulated research and theory on the major aspects of personality and social psychology as applied to religion It provides a high quality integrative systematic and rigorous review of that work with a focus on topics that are both central in personality and social psychology and have allowed for the accumulation of solid and replicated and not impressionist knowledge on religion The contributors are renowned researchers in the field who offer an international perspective that is both illuminating yet neutral with respect to religion The volume s primary audience are academics researchers and advanced students in social psychology but it will also interest those in sociology political sciences and anthropology **Research in the Social Scientific Study of Religion, Volume 23** ,2012-05-23 The social scientific study of religion is a crucial arena of human endeavor as questions about the existence and nature of God interact with the study of religion as a human phenomenon The twenty third volume of Research in the Social Scientific Study of Religion continues the tradition of promoting extended debate of current issues in the field The special section on Theism and Non Theism in Psychological Science includes contributions from leading researchers in this area This landmark collection of papers draws on a range of perspectives that both summarize the theism debate in psychology and help to move it forward in new directions In addition the volume includes papers on other key areas in the study of religion such as spirituality and social capital **Social Psychology** Kenneth S. Bordens,Irwin A. Horowitz,2013-06-17 This second edition presents the core fundamentals of the subject in 11 manageable chapters while maintaining the book s scientific integrity The research methods students need to understand interpret and analyze social psychological research are emphasized throughout The streamlined approach provides an economical textbook for students and a flexible format that allows instructors to cover the entire book in a single semester A book specific Web site contains a

free online study guide and a variety of teaching tools An Instructor s Manual Test Bank and a Computerized Test Bank are also available

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spirituality and hope that brings together theoreticians and practitioners who present original research on this important and neglected topic. Alongside this section are papers presenting studies on subjects such as civic participation, suffering with God, and spirituality. Together, these papers represent important contributions that advance theory and evidence in a number of different fields of contemporary relevance to the study of religion. Contributors to the present volume include Ahmed M. Abdel Khalek, Gina Brelesford, Sarah A. Chickering, Joanne Dickson, Leslie J. Francis, Kenneth H. Hamilton, Russell McCann, Joyce O. Murphy, Michelle J. Scallan, Anthony Scioli, Patrick Shade, Christopher Sink, Jen Unwin, Andrew Village, Marcia Webb, and Paul Wink.

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web in the diagram below you can see the absorption spectra of three key pigments in photosynthesis chlorophyll a chlorophyll b and β carotene the set of wavelengths that a pigment doesn't absorb are reflected and the reflected light is what we see as color

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