

Animal Research In Psychology

animal research in psychology: Laboratory Animal Welfare Kathryn Bayne, Patricia V. Turner, 2013-09-02 Laboratory Animal Welfare provides a comprehensive, up-to-date look into the new science of animal welfare within laboratory research. Animals specifically considered include rodents, cats and dogs, nonhuman primates, agricultural animals, avian animals and aquatic animals. The book examines the impact of experiment design and environment on animal welfare, as well as emergency situations and euthanasia practices. Readers will benefit from a review of regulations and policy guidelines concerning lab animal use, as well as information on assessing animal welfare. With discussions of the history and ethics of animals in research, and a debate on contemporary and international issues, this book is a go-to resource for laboratory animal welfare.

animal research in psychology: The Psychological Well-Being of Nonhuman Primates National Research Council, Commission on Life Sciences, Institute for Laboratory Animal Research, Committee on Well-Being of Nonhuman Primates, 1998-11-03 A 1985 amendment to the Animal Welfare Act requires those who keep nonhuman primates to develop and follow appropriate plans for promoting the animals' psychological well-being. The amendment, however, provides few specifics. The Psychological Well-Being of Nonhuman Primates recommends practical approaches to meeting those requirements. It focuses on what is known about the psychological needs of primates and makes suggestions for assessing and promoting their well-being. This volume examines the elements of an effective care program—social companionship, opportunities for species-typical activity, housing and sanitation, and daily care routines—and provides a helpful checklist for designing a plan for promoting psychological well-being. The book provides a wealth of specific and useful information about the psychological attributes and needs of the most widely used and exhibited nonhuman primates. Readable and well-organized, it will be welcomed by animal care and use committees, facilities administrators, enforcement inspectors, animal advocates, researchers, veterinarians, and caretakers.

animal research in psychology: The Psychology of the Human-Animal Bond Christopher Blazina, Güler Boyraz, David Shen-Miller, 2011-06-22 There have been dramatic increases in the financial, emotional, and psychological investment in pets over the past four decades. The increasing importance of animal companions in people's lives has resulted in growing emphasis on the human-animal bond within academic literature. This book introduces practicing and emerging professionals to vital subject matter concerning this growing specialty area by providing an essential framework and information through which to consider the unique contextual backdrop of the human-animal bond. Such contexts include a wide array of themes including: issues of attachment and loss, success and frustration with making and sustaining connections, world views regarding animal ethics, familial history of neglect or abuse, and cultural dynamics that speak to the order of things between mankind and nature. Adopting a contextual stance will aid mental health professionals in appreciating why and how this connection has become a significant part of everyday life for many. As with any other important clinical dynamic, training and preparation are needed to gain competence for professional practice and research. To this end, an ensemble of international experts across the fields of psychology and mental health explore topics that will help both new and established clinicians increase and understanding of the various ways the human-animal bond manifests itself. Perspectives from beyond the scope of psychology and mental health such as anthropology, philosophy, literature, religion, and history are included to provide a sampling of the significant contexts in which the human-animal bond is established. What brings these divergent topics together in a meaningful way is their relevance and centrality to the contextual bonds that underlie the human-animal connection. This text will be a valuable resource that provides opportunities to deepen one's expertise in understanding the psychology of the human-animal bond.

animal research in psychology: Use of Laboratory Animals in Biomedical and Behavioral Research National Research Council, Institute of Medicine, Institute for Laboratory Animal Research, Commission on Life Sciences, Committee on the Use of Laboratory Animals in Biomedical and Behavioral Research, 1988-02-01 Scientific experiments using animals have contributed significantly to the improvement of human health. Animal experiments were crucial to the conquest of polio, for example, and they will undoubtedly be one of the keystones in AIDS research. However, some persons believe that the cost to the animals is often high. Authored by a committee of experts from various fields, this book discusses the benefits that have resulted from animal research, the scope of animal research today, the concerns of advocates of animal welfare, and the prospects for finding alternatives to animal use. The authors conclude with specific recommendations for more consistent government action.

animal research in psychology: *The Animal Mind* Margaret Floy Washburn, 1908

animal research in psychology: **Animal Experimentation** Kathrin Herrmann, Kimberley Jayne, 2019 Animal Experimentation: Working Towards a Paradigm Change critically appraises current animal use in science and discusses ways in which we can contribute to a paradigm change towards human-biology based approaches.

animal research in psychology: Why We Love and Exploit Animals Kristof Dhont, Gordon Hodson, 2019-11-08 This unique book brings together research and theorizing on human-animal relations, animal advocacy, and the factors underlying exploitative attitudes and behaviors towards animals. Why do we both love and exploit animals? Assembling some of the world's leading academics and with insights and experiences gleaned from those on the front lines of animal advocacy, this pioneering collection breaks new ground, synthesizing scientific perspectives and empirical findings. The authors show the complexities and paradoxes in human-animal relations and reveal the factors shaping compassionate versus exploitative attitudes and behaviors towards animals. Exploring topical issues such as meat consumption, intensive farming, speciesism, and effective animal advocacy, this book demonstrates how we both value and devalue animals, how we can address animal suffering, and how our thinking about animals is connected to our thinking about human intergroup relations and the dehumanization of human groups. This is essential reading for students, scholars, and professionals in the social and behavioral sciences interested in human-animal relations, and will also strongly appeal to members of animal rights organizations, animal rights advocates, policy makers, and charity workers.

animal research in psychology: *Animal Models of Human Psychology* Kenneth Joel Shapiro, 1998 After surveying current research practices and model development strategies, the author examines animal models of eating disorders from both scientific and ethical points of view. He exposes logical inconsistencies in the study of animals as models for human behavior, and concludes that such research has little to contribute. The foreword is by noted chimpanzee-researcher Jane Goodall. Annotation copyrighted by Book News, Inc., Portland, OR

animal research in psychology: Comparative Psychology for Clinical Psychologists and Therapists Daniel C. Marston, Terry L. Maple, 2016-05-19 Featuring animal research, from pigeons to primates, this book explains how comparative psychology can enrich our insights into human psychological processes. Each chapter covers a different clinical disorder or problem commonly encountered by clinical psychologists and therapists, including depression, autism and social communication disorders, substance abuse and obesity, and reviews related research into animal behaviors. Revealing how animal models can grant psychologists a better understanding of the motivations and causes for behaviors that are impossible or challenging to study in humans, the authors suggest interventions, drawn from research findings in comparative psychology, that can effectively address psychological disorders in humans.

animal research in psychology: **Guidelines for the Care and Use of Mammals in Neuroscience and Behavioral Research** National Research Council, Division on Earth and Life Studies, Institute for Laboratory Animal Research, Committee on Guidelines for the Use of Animals in Neuroscience and Behavioral Research, 2003-08-22 Expanding on the National Research

Council's Guide for the Care and Use of Laboratory Animals, this book deals specifically with mammals in neuroscience and behavioral research laboratories. It offers flexible guidelines for the care of these animals, and guidance on adapting these guidelines to various situations without hindering the research process. *Guidelines for the Care and Use of Mammals in Neuroscience and Behavioral Research* offers a more in-depth treatment of concerns specific to these disciplines than any previous guide on animal care and use. It treats on such important subjects as: The important role that the researcher and veterinarian play in developing animal protocols. Methods for assessing and ensuring an animal's well-being. General animal-care elements as they apply to neuroscience and behavioral research, and common animal welfare challenges this research can pose. The use of professional judgment and careful interpretation of regulations and guidelines to develop performance standards ensuring animal well-being and high-quality research. *Guidelines for the Care and Use of Mammals in Neuroscience and Behavioral Research* treats the development and evaluation of animal-use protocols as a decision-making process, not just a decision. To this end, it presents the most current, in-depth information about the best practices for animal care and use, as they pertain to the intricacies of neuroscience and behavioral research.

animal research in psychology: *The Oxford Handbook of Animal Studies* Linda Kalof, 2017 *The Oxford Handbook of Animal Studies* tackles the infamous animal question how can humans rethink and reconfigure their relationships with other animals? Over the course of five sections and thirty chapters, the contributors investigate issues and concepts central to understanding our current relationship with other animals and the potential for coexistence in an ecological community of living beings.

animal research in psychology: *Principles of Animal Research Ethics* Tom L. Beauchamp, David DeGrazia, 2020 This volume presents a framework of general principles for animal research ethics together with an analysis of the principles' meaning and moral requirements. Tom L. Beauchamp and David DeGrazia's comprehensive framework addresses ethical requirements pertaining to societal benefit (the most important consideration in justifying the harming of animals in research) and features a thorough, ethically defensible program of animal welfare. The book also features commentaries on the framework of principles by eminent figures in animal research ethics from an array of relevant disciplines: veterinary medicine, biomedical research, biology, zoology, comparative psychology, primatology, law, and bioethics.

animal research in psychology: *Research In Psychology* C. James Goodwin, 2009-11-02 The sixth edition provides psychologists with insight into the essential nature of experimental psychology and a solid grounding in its methods and practices. It has been updated to help them develop research ideas, hypotheses, and design studies. In addition, they'll find out how to carry them out, analyze results and draw reasoned conclusions from them. The chapters have also been updated with the important new developments in research methodologies and fascinating examples from recent studies to provide psychologists with the most up-to-date information in the field.

animal research in psychology: *Why Animals Matter* Marian Stamp Dawkins, 2012-03-29 In a world increasingly concerned with the human species and its future, Marian Stamp Dawkins argues that we need to rethink some of the fundamental questions regarding animal welfare. How are we justified in projecting human emotions on to animals? What kind of mental lives do they have? What can science tell us about their quality of life?

animal research in psychology: *Science, Medicine, and Animals* Committee on the Use of Animals in Research (U.S.), Institute of Medicine (U.S.), 1991 The necessity for animal use in biomedical research is a hotly debated topic in classrooms throughout the country. Frequently teachers and students do not have access to a balanced, factual material to foster an informed discussion on the topic. This colorful, 50-page booklet is designed to educate teenagers about the role of animal research in combating disease, past and present; the perspective of animal use within the whole spectrum of biomedical research; the regulations and oversight that govern animal research; and the continuing efforts to use animals more efficiently and humanely.

animal research in psychology: *International Animal Research Regulations* National

Research Council, Institute of Medicine, Division on Earth and Life Studies, Institute for Laboratory Animal Research, Policy and Global Affairs, Committee on Science, Technology, and Law, Board on Health Sciences Policy, Forum on Neuroscience and Nervous System Disorders, 2012-06-26 Animals are widely used in neuroscience research to explore biological mechanisms of nervous system function, to identify the genetic basis of disease states, and to provide models of human disorders and diseases for the development of new treatments. To ensure the humane care and use of animals, numerous laws, policies, and regulations are in place governing the use of animals in research, and certain animal regulations have implications specific to neuroscience research. To consider animal research regulations from a global perspective, the IOM Forum on Neuroscience and Nervous System Disorders, in collaboration with the National Research Council and the Institute for Laboratory Animal Research, held a workshop in Buckinghamshire, UK, July 26-27, 2011. The workshop brought together neuroscientists, legal scholars, administrators, and other key stakeholders to discuss current and emerging trends in animal regulations as they apply to the neurosciences. This document summarizes the workshop.

animal research in psychology: Self-Control in Animals and People Michael Beran, 2018-08-11 *Self-Control in Animals and People* takes an interdisciplinary look at what self-control is, how it works, and whether humans are alone as a species in their ability to demonstrate self-control. The book outlines historical and recent empirical approaches to understanding when self-control succeeds and fails, and which species may share with humans the ability to anticipate better future outcomes. It also provides readers with in-depth explorations of whether various species can delay gratification, the ways in which people and animals exhibit other forms of self-control, what influences the capacity and expression of self-control, and much more. In addition to its comprehensive coverage of self-control research, the book also describes self-control assessment tests that can be used with young children, adults, and a wide variety of nonhuman species, with the goal of making fair and clear comparisons among the groups. This combination makes *Self-Control in Animals and People* a valuable resource for cognitive, developmental, and clinical psychologists, philosophers, academic students and researchers in psychology and the social sciences, and animal behaviorists. - Provides a comprehensive perspective of the evolutionary emergence of self-control across species - Explores different kinds of self-control and their links to one another, and whether self-control can be improved or strengthened - Offers insight on mental time travel (chronesthesia) and how it relates to self-control - Demonstrates how to develop self-control tests for human and nonhuman animals, and how to make fair and clear comparisons among those groups

animal research in psychology: *Animal Cognition* Jacques Vauclair, 1996 *Animal Cognition* presents a lucid and comprehensive overview of cognitive processes in animals--bees and wasps, cats and dogs, dolphins and sea otters, pigeons, titmice, and chimpanzees--and offers a novel discussion of the ways in which Piagetian concepts may be used to develop models for the study of animal cognition.

animal research in psychology: **Animal Ethics in Animal Research** Helena Röcklinsberg, Mickey Gjerris, I. Anna S. Olsson, Anna Olsson, 2017-10-26 An interdisciplinary in-depth analysis of the ethical issues raised by using animals in research and the related regulatory issues.

animal research in psychology: Investigating Psychology Nicola Brace, Jovan Byford, 2020-07 *Investigating Psychology* uses a small selection of classic studies to introduce students to a variety of research methods used by psychologists and to the different approaches to the study of mind and behaviour: the emphasis is on how psychologists carry out their investigations and why.

animal research in psychology: **Critical Terms for Animal Studies** Lori Gruen, 2018-10-23 Alexandra Horowitz, Peter Singer, Barbara King, Christine Korsgaard, and others explore the core concepts of this interdisciplinary field: "Recommended." —Choice *Animal Studies* is a rapidly growing interdisciplinary field devoted to examining, understanding, and critically evaluating the complex relationships between humans and other animals. Scholarship in Animal Studies draws on a variety of methodologies to explore these multi-faceted relationships in order to help us understand the ways in which other animals figure in our lives and we in theirs. Bringing together the work of a

group of internationally distinguished scholars, *Critical Terms for Animal Studies* offers distinct voices and diverse perspectives, exploring significant concepts and asking important questions. What do we mean by anthropocentrism, captivity, empathy, sanctuary, and vulnerability, and what work do these and other critical terms do in Animal Studies? How do we take non-human animals seriously, not simply as metaphors for human endeavors, but as subjects themselves? Sure to become an indispensable reference for the field, *Critical Terms for Animal Studies* not only provides a framework for thinking about animals as subjects of their own experiences, but also serves as a touchstone to help us think differently about our conceptions of what it means to be human, and the impact human activities have on the more than human world. "The subject of animal studies is at a crucial stage, still being mapped out and defining itself, and this volume is very useful, given its conciseness, its all-star cast of contributors, and its breadth in providing a guide to some of the key ideas." —Colin Jerolmack, New York University

animal research in psychology: *Model Behavior* Nicole C. Nelson, 2018-04-04 Mice are used as model organisms across a wide range of fields in science today—but it is far from obvious how studying a mouse in a maze can help us understand human problems like alcoholism or anxiety. How do scientists convince funders, fellow scientists, the general public, and even themselves that animal experiments are a good way of producing knowledge about the genetics of human behavior? In *Model Behavior*, Nicole C. Nelson takes us inside an animal behavior genetics laboratory to examine how scientists create and manage the foundational knowledge of their field. Behavior genetics is a particularly challenging field for making a clear-cut case that mouse experiments work, because researchers believe that both the phenomena they are studying and the animal models they are using are complex. These assumptions of complexity change the nature of what laboratory work produces. Whereas historical and ethnographic studies traditionally portray the laboratory as a place where scientists control, simplify, and stabilize nature in the service of producing durable facts, the laboratory that emerges from Nelson's extensive interviews and fieldwork is a place where stable findings are always just out of reach. The ongoing work of managing precarious experimental systems means that researchers learn as much—if not more—about the impact of the environment on behavior as they do about genetics. *Model Behavior* offers a compelling portrait of life in a twenty-first-century laboratory, where partial, provisional answers to complex scientific questions are increasingly the norm.

animal research in psychology: *Introduction to Psychology* Dennis Coon, 1980

animal research in psychology: *Subhuman* T. J. Kasparbauer, 2018 How do we think about animals? How do we decide what they deserve and how we ought to treat them? *Subhuman* takes an interdisciplinary approach to these questions, drawing from research in philosophy, neuroscience, psychology, law, history, sociology, economics, and anthropology. *Subhuman* argues that our attitudes to nonhuman animals, both positive and negative, largely arise from our need to compare ourselves to them.

animal research in psychology: *Chaser* John W. Pilley, Hilary Hinzmann, 2014-11-03 Chaser has a way with words. She knows over a thousand of them—more than any other animal of any species except humans. In addition to common nouns like house, ball, and tree, she has memorized the names of more than one thousand toys and can retrieve any of them on command. Based on that learning, she and her owner and trainer, retired psychologist John Pilley, have moved on to further impressive feats, demonstrating her ability to understand sentences with multiple elements of grammar and to learn new behaviors by imitation. John's ingenuity and tenacity as a researcher are as impressive as Chaser's accomplishments. His groundbreaking approach has opened the door to a new understanding of animal intelligence, one that requires us to reconsider what actually goes on in a dog's mind. Chaser's achievements reveal her use of deductive reasoning and complex problem-solving skills to address novel challenges. Yet astonishingly, Chaser isn't unique. John's training methods can be adopted by any dog lover. Through the poignant story of how he trained Chaser, raised her as a member of the Pilley family, and proved her abilities to the scientific community, he reveals the positive impact of incorporating learning into play and more effectively

channeling a dog's natural drives. John's work with Chaser offers a fresh perspective on what's possible in the relationship between a dog and a human. His story points us toward a new way of relating to our canine companions that takes into account our evolving understanding of the way animals and humans learn.

animal research in psychology: *Beyond Words* Carl Safina, 2015-07-14 Hailed conservationist Carl Safina examines animal personhood as told through the inspired narrative portraits of elephants, wolves, and dolphins

animal research in psychology: *The Role of Companion Animals in Counseling and Psychology* Jane K. Wilkes, 2009 The human health benefits derived from relationships with companion animals has attracted an abundance of scientific interest and research. However, there is a need for theoretical conceptualizations in order to understand the healing benefits of human-animal interactions. The goal of this book is to seek these answers and the OC howOCO and OC whyOCO companion animals play a role in counseling and psychology. In-depth semi-structured interviews were conducted with three psychologists who use animals in their therapy settings. The focus of these interviews was to determine the experiences of having a companion animal present during therapy sessions. The results revealed that pets in therapy: (1) enhanced the therapeutic alliance/relationship, (2) revived the therapeutic environment, (3) improved professional practice, and (4) created a sense of sacredness. The therapy animals seemed to provide the trust and safety needed for clients to work within the transitional space and that the animals may act as transitional objects for some clients. This book suggests that therapy animals are extremely helpful in providing a sense of safety for traumatized clients and could act as catalysts, especially with defensive and/or detached clients. Unique features include: discussion of the domestication of companion animals; research into the human-animal bond; social and psychological support theory; descriptions of methods used; object relations theory and Winnicott's Concepts; implications for the practice of counseling and psychology; professional and ethical considerations; and suggestions for future research. Replete with informative appendices that will serve as valuable knowledge, this book is a significant resource on the subject of animal-assisted therapy for mental health professionals such as counselors, clinical social workers, psychologists, and skilled therapists

animal research in psychology: *Voracious Science and Vulnerable Animals* John P. Gluck, 2016-10-26 Presents an account of how the author, trained as a behavioral scientist in the 1960s, came to grapple with the uncomfortable justifications offered for the use of primates in research labs, and became one of the scientists at the forefront of the movement to end research experiments on primates.

animal research in psychology: *The Oxford Handbook of Animal Ethics* Tom L. Beauchamp, R.G. Frey, 2011-11-17 This text is designed to capture the nature of the questions as they stand today and to propose solutions to many of the major problems in the ethics of how we use animals.

animal research in psychology: *The Ethical Case against Animal Experiments* Andrew Linzey, Clair Linzey, 2017-12-21 At present, human beings worldwide are using an estimated 115.3 million animals in experiments—a normalization of the unthinkable on an immense scale. In terms of harm, pain, suffering, and death, animal experiments constitute one of the major moral issues of our time. Given today's deeper understanding of animal sentience, the contributors to this volume argue that we must afford animals a special moral consideration that precludes their use in experiments. *The Ethical Case against Animal Experiments* begins with the Oxford Centre for Animal Ethics's groundbreaking and comprehensive ethical critique of the practice of animal experiments. A second section offers original writings that engage with, and elaborate on, aspects of the Oxford Centre report. The essayists explore historical, philosophical, and personal perspectives that range from animal experiments in classical times to the place of necessity in animal research to one researcher's painful journey from researcher to opponent. A devastating look at a contemporary moral crisis, *The Ethical Case against Animal Experiments* melds logic and compassion to mount a powerful challenge to human cruelty.

animal research in psychology: *The Cognitive Animal* Marc Bekoff, Colin Allen, Gordon M. Burghardt, 2002-06-21 The fifty-seven original essays in this book provide a comprehensive overview of the interdisciplinary field of animal cognition. The contributors include cognitive ethologists, behavioral ecologists, experimental and developmental psychologists, behaviorists, philosophers, neuroscientists, computer scientists and modelers, field biologists, and others. The diversity of approaches is both philosophical and methodological, with contributors demonstrating various degrees of acceptance or disdain for such terms as consciousness and varying degrees of concern for laboratory experimentation versus naturalistic research. In addition to primates, particularly the nonhuman great apes, the animals discussed include antelopes, bees, dogs, dolphins, earthworms, fish, hyenas, parrots, prairie dogs, rats, ravens, sea lions, snakes, spiders, and squirrels. The topics include (but are not limited to) definitions of cognition, the role of anecdotes in the study of animal cognition, anthropomorphism, attention, perception, learning, memory, thinking, consciousness, intentionality, communication, planning, play, aggression, dominance, predation, recognition, assessment of self and others, social knowledge, empathy, conflict resolution, reproduction, parent-young interactions and caregiving, ecology, evolution, kin selection, and neuroethology.

animal research in psychology: *Animal Creativity and Innovation* , 2015-10-29 Animal Creativity and Innovation explores theories and research on animal innovation and creativity, comparing and contrasting it with theory and research on human creativity and innovation. In doing so, it encompasses findings from psychology, biology, neuroscience, engineering, business, ecology, and education. The book includes examples of animal innovation in parrots, dogs, marine mammals, insects, and primates, exploring parallels from creative play in children. The book defines creativity, differentiating it from play, and looks at evolutionary models and neurological constructs. The book further explores applied aspects of animal innovation and creativity including tool use and group dynamics, as well as barriers to creativity. The final chapters look into how creative behavior may be taught or trained. Each chapter is followed by a commentary for integration of thoughts and ideas between animal and human research, behavioral and cognitive research, and theory and observation in real life. - Compares theory and research on animal and human creativity - Defines and differentiates creativity from play - Reviews applied creativity in tool use and social dynamics - Includes examples of animal creativity in multiple species

animal research in psychology: *Brute Science* Hugh LaFollette, Niall Shanks, 1996 Questions about the scientific and moral status of biomedical experimentation are hotly debated in the media and in professional circles. The outcome of this debate will shape future public health policy. The authors expose the weaknesses in both the standard defense and standard criticisms of animal experimentation. This thorough investigation of one of today's most fiercely debated questions yields some unexpected conclusions.

animal research in psychology: *The Genesis of Animal Play* Gordon M. Burghardt, 2005 A scientist examines the origins and evolutionary significance of play in humans and animals.

animal research in psychology: *Guide for the Care and Use of Laboratory Animals* National Research Council, Division on Earth and Life Studies, Institute for Laboratory Animal Research, Committee for the Update of the Guide for the Care and Use of Laboratory Animals, 2011-01-27 A respected resource for decades, the Guide for the Care and Use of Laboratory Animals has been updated by a committee of experts, taking into consideration input from the scientific and laboratory animal communities and the public at large. The Guide incorporates new scientific information on common laboratory animals, including aquatic species, and includes extensive references. It is organized around major components of animal use: Key concepts of animal care and use. The Guide sets the framework for the humane care and use of laboratory animals. Animal care and use program. The Guide discusses the concept of a broad Program of Animal Care and Use, including roles and responsibilities of the Institutional Official, Attending Veterinarian and the Institutional Animal Care and Use Committee. Animal environment, husbandry, and management. A chapter on this topic is now divided into sections on terrestrial and aquatic animals and provides recommendations for housing and environment, husbandry, behavioral and population management,

and more. Veterinary care. The Guide discusses veterinary care and the responsibilities of the Attending Veterinarian. It includes recommendations on animal procurement and transportation, preventive medicine (including animal biosecurity), and clinical care and management. The Guide addresses distress and pain recognition and relief, and issues surrounding euthanasia. Physical plant. The Guide identifies design issues, providing construction guidelines for functional areas; considerations such as drainage, vibration and noise control, and environmental monitoring; and specialized facilities for animal housing and research needs. The Guide for the Care and Use of Laboratory Animals provides a framework for the judgments required in the management of animal facilities. This updated and expanded resource of proven value will be important to scientists and researchers, veterinarians, animal care personnel, facilities managers, institutional administrators, policy makers involved in research issues, and animal welfare advocates.

animal research in psychology: What It's Like to Be a Dog Gregory Berns, 2017-09-05 Dog lovers and neuroscientists should both read this important book. -- Dr. Temple Grandin What is it like to be a dog? A bat? Or a dolphin? To find out, neuroscientist and bestselling author Gregory Berns and his team did something nobody had ever attempted: they trained dogs to go into an MRI scanner -- completely awake -- so they could figure out what they think and feel. And dogs were just the beginning. In *What It's Like to Be a Dog*, Berns takes us into the minds of wild animals: sea lions who can learn to dance, dolphins who can see with sound, and even the now extinct Tasmanian tiger. Berns's latest scientific breakthroughs prove definitively that animals have feelings very much like we do -- a revelation that forces us to reconsider how we think about and treat animals. Written with insight, empathy, and humor, *What It's Like to Be a Dog* is the new manifesto for animal liberation of the twenty-first century.

animal research in psychology: The Better Angels of Our Nature Steven Pinker, 2012-09-25 Faced with the ceaseless stream of news about war, crime, and terrorism, one could easily think this is the most violent age ever seen. Yet as bestselling author Pinker shows in this startling and engaging new work, just the opposite is true.

animal research in psychology: Wag Zazie Todd, 2020-03-10 As seen in *The New York Times*, *People*, *SLATE*, *Psychology Today* [A] must-have guide to improving your dog's life.—*Modern Dog Magazine* Whether you are training a new puppy, considering adopting a dog, researching dog breeds, or simply curious about your own dog's happiness and behavior, *Wag* has all the answers-and then some. Respected dog trainer and social psychologist, Zazie Todd, demystifies the inner life of canines and shares recommendations from leading veterinarians, researchers, and trainers to help you cultivate a rewarding and respectful relationship with your dog-which offers many benefits for you, your family, and your four-legged friend. Inside this engaging, practical book, readers will find: A Check List for a Happy Dog Enrichment exercises How to socialize and train a new puppy How to reduce fear and anxiety in dogs Tips for visiting the vet Information on aging dogs Expert interviews with vets and psychologists And so much more! Dog owners and those considering becoming one should appreciate Todd's substantial insight into how dogs and humans relate to one another.—*Publishers Weekly*

animal research in psychology: Affective Neuroscience Jaak Panksepp, 2004-09-30 Some investigators have argued that emotions, especially animal emotions, are illusory concepts outside the realm of scientific inquiry. However, with advances in neurobiology and neuroscience, researchers are demonstrating that this position is wrong as they move closer to a lasting understanding of the biology and psychology of emotion. In *Affective Neuroscience*, Jaak Panksepp provides the most up-to-date information about the brain-operating systems that organize the fundamental emotional tendencies of all mammals. Presenting complex material in a readable manner, the book offers a comprehensive summary of the fundamental neural sources of human and animal feelings, as well as a conceptual framework for studying emotional systems of the brain. Panksepp approaches emotions from the perspective of basic emotion theory but does not fail to address the complex issues raised by constructionist approaches. These issues include relations to human consciousness and the psychiatric implications of this knowledge. The book includes chapters

on sleep and arousal, pleasure and fear systems, the sources of rage and anger, and the neural control of sexuality, as well as the more subtle emotions related to maternal care, social loss, and playfulness. Representing a synthetic integration of vast amounts of neurobehavioral knowledge, including relevant neuroanatomy, neurophysiology, and neurochemistry, this book will be one of the most important contributions to understanding the biology of emotions since Darwins *The Expression of the Emotions in Man and Animals*

animal research in psychology: Personality in Nonhuman Animals Jennifer Vonk, Alexander Weiss, Stan A. Kuczaj, 2017-07-26 This stimulating and comprehensive collection brings together multiple perspectives on the topic of personality in nonhuman animals—linking historical perspectives, theoretical approaches, methods, and cutting-edge discoveries. Experts from various fields describe their findings on species ranging from dogs, cats, chimpanzees, and dolphins to sharks, snakes, and other reptiles. Chapters not only discuss the evolution of personality, but also describe potential applications within the areas of animal-human interactions, animal ethics and welfare, conservation science, and other areas. A key focus is the role of genetics and the environment in determining animal behavior and personality, including related traits, such as creativity and boredom. These chapters present the study of personality in nonhumans as a means by which we can better understand medical and psychological issues specific to our own species as well. Chapters include: · Exploring factor space (and other adventures) with the Hominoid Personality Questionnaire · The quantitative and molecular genetics of individual differences in animal personality · Personality, temperament and individuality in reptile behavior · What do we want to know about personality in marine mammals? · Individual differences in nonhuman animals: examining boredom, curiosity, and creativity · The interplay between animal personality and foraging ecology Taking significant steps in advancing the study of animal personality, *Personality in Nonhuman Animals* will engage personality psychologists, comparative psychologists, and behavior ecologists as well as conservationists, zookeepers, livestock managers, and all those interested in the brain and behavior of animals.

Animal Research In Psychology Introduction

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