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# Animal Creativity And Innovation (Explorations In Creativity Research)



## Synopsis

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.

## Book Information

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## Customer Reviews

"Like many potential readers of this excellent book, I suspect, I opened it with some skepticism. I closed it with admiration. Admiration for the many serious scientists who have given their lives in creative, critical analyses and experiments, to understand better the creative aspects of life around

us." --American Journal of Psychology, Animal Creativity and Innovation

James C. Kaufman, PhD, is a Professor of Educational Psychology at the Neag School of Education at the University of Connecticut. He is the author/editor of more than 30 books and 250 papers. Dr. Kaufman co-founded two APA journals (Psychology of Popular Media Culture and Psychology of Aesthetics, Creativity, and the Arts) and is a Past President of APA's Division 10. He has won numerous awards, including the Torrance Award from the National Association for Gifted Children, the Berlyne and Farnsworth Awards from APA, and Mensa's research award.

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