

David Henry Peterzell, Ph.D.

Associate Faculty - Clinical Psychology at Fielding Graduate University

Los Angeles, CA, US

Cognitive Neuroscience; Perceptual, Cognitive, Behavioral, and Developmental Psychology; Clinical Psychology; and Clinical Social Science

Biography

My first broad, general line of research includes human visual perception, with emphases on development and aging, cognition, and non-invasive cognitive neuroscience. I am probably best known for my research using visual individual differences and computational factor-analytic approaches to study visual-perceptual processes involved in cognition and development. My second broad, general line of research includes, with clinical psychology and other graduate students, a range of clinical, social, multicultural, biomedical, and social-justice-related research. Research at the interface of these two broad areas has included topics such as: (1) mirror visual feedback and cognitive therapy for phantom limb pain and hemiparesis (2) psychotherapy and rehabilitation in virtual environments; perceptual factors in mindfulness, yoga, and somatic therapies; and (4) factors that reduce visual implicit racial bias and improve signal detection accuracy in high stakes situations, such as decisions to shoot, jury decisions, and medical decisions. These include mindfulness-based practices and other cognitive/affective interventions in reducing implicit visual racial bias. My research and scholarly publications have employed a wide range of quantitative designs (and some qualitative designs), including but not limited to: one sample, ? 2 independent samples, ? 2 repeated measures samples, factorial designs (i.e., ?2 x & ?2 between- and within-subjects, and mixed), correlational designs (used for regression, multiple regression, factor analysis, etc.), and designs used for case studies. My research and publications have employed a wide range of statistics as well, including a wide range of parametric and non-parametric statistics. I am currently writing a book titled ?Statistics Without Statistics? which uses data visualization to introduce students to a wide variety of research designs and statistical procedures. It covers what psychologists need to evaluate ?evidence based? clinical psychology, especially including topics that are very likely to appear on clinical psychology (EPPP) licensing exams. Recently, I have taught graduate courses on research methods and statistics, and on the cognitive and affective bases of behavior.

Industry Expertise

Education/Learning, Research, Health and Wellness, Mental Health Care, Publishing, Writing and Editing

Areas of Expertise

Research Designs and Methods, Individual Differences and Factor Analytic Modeling, Data Visualization and Statistics, Multivariate Statistics, Quantitative Data Analysis, Cognitive and Affective Bases of Behavior, Cognitive Science, Sensation and Perception?, Cognitive Neuroscience, Cognitive and Behavioral Therapies, Electronic Media Applications in Clinical Psychology, Implicit Race, Gender and Age Biases and Stereotype Threat, Pain Therapies, Complementary and Alternative Medicine, Integral/Integrative Psychology

Affiliations

Association for Psychological Science : Member, Association for Behavioral and Cognitive Therapies : Member, Cognitive Neuroscience Society : Member, European Conference on Visual Perception : Member, International Association for Cognitive Psychotherapy : Member, International Colour Vision Society : Member, Psychonomics Society : Member, San Diego Psychoanalytic Society : Friend, San Diego Psychological Association : Member, Vision Sciences Society : Member

Education

Alliant International University/CSPP, San Diego

PhD Doctoral Respecialization in Clinical Psychology

University of Colorado, Boulder

PhD Cognitive Psychology with an emphasis on Visual and Cognitive Information Processing, and Cognitive Neuroscience

University of Colorado, Boulder

MA Cognitive Psychology

University of California, Berkeley

BA Psychology

Accomplishments

Licensed Clinical Psychologist, California

PSY19123

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