E. Alison Holman

Professor of Nursing at UC Irvine

Irvine, CA, US

E. Alison Holman studies the early post-event predictors of co-morbid trauma-related mental and physical health problems.

Biography

E. Alison Holman's research focuses on understanding the early post-event predictors of comorbid trauma-related mental and physical health problems. She seeks to identify predictors of, contributions of, and interactions between acute responses to trauma (biological, cognitive, emotional, social, environmental, behavioral) that increase vulnerability to trauma-related health problems, especially cardiovascular disease. Toward this end, Holman examines gene-environment interactions and the roles of several biological systems in acute/posttraumatic stress response: renin-angiotensin-aldosterone, endocannabinoid, and oxytocin systems as well as hypothalamic-pituitary-adrenal axis response. The ultimate goal is to identify targets for early interventions to prevent trauma-related morbidity and mortality.

Areas of Expertise

Physical health, Acute Stress, Acute Stress & Cardiovascular Disease, Psychological Trauma, Media Exposure

Affiliations

International Society for Traumatic Stress Studies, Association for Psychological Science, American Psychological Association, Divisions of Health Psychology and Trauma Psychology, California Association for Nurse Practitioners

Education

U.C. Irvine
PhD Health Psychology

University of California, Santa Cruz
BA Psychology

San Francisco State University
BS Nursing

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