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Kristen Willeumier, Ph.D.

Kristen Willeumier, Ph.D., is a neuroscientist with research expertise in neurobiology and neuroimaging. Dr. Willeumier holds a B.A. degree in psychology from Boston College, an M.S. degree in physiological science from UCLA, and an M.S. and Ph.D. degree in neurobiology from the David Geffen School of Medicine at UCLA. She conducted graduate research in the laboratory of neuroendocrinology and the laboratory of neurophysiology at UCLA, and the laboratory of neurogenetics at Cedars-Sinai Medical Center. She was a postdoctoral scientist in the Department of Neurology at Cedars-Sinai Medical Center in Los Angeles, where she continued her work in the field of neurodegenerative disease focusing on *PARK2*, a gene implicated in autosomal recessive juvenile parkinsonism. In recognition of her work at UCLA and Cedars-Sinai, she was the recipient of a National Research Service Award Fellowship from the National Institutes of Health. She has presented her work at national and international scientific meetings including the Society for Neuroscience and the Gordon Research Conference in Honk Kong, China.

More recently, Dr. Willeumier served as the Director of Neuroimaging and Clinical Research for the Amen Clinics, where she led the efforts in utilizing imaging technologies to understand the neurobiological signatures underlying psychiatric disorders. In this capacity, she oversaw many pioneering studies, including a clinical research trial investigating the long-term effects of repetitive subconcussive impacts in National Football League players. Subsequent work focused on therapeutic approaches to rehabilitate brain function in athletes with mild traumatic brain injury and the application of machine learning algorithms to neuroimaging data to improve the diagnosis and treatment of psychiatric disorders. Dr. Willeumier is widely published in peer-reviewed journals including *The Journal of Alzheimer's Disease, Nature Translational Psychiatry*, *The Journal of Neuroscience,* and *The Journal of Nuclear Medicine* and has contributed to academic textbooks including *The Wiley Blackwell Handbook of Forensic Neuroscience*.