

Matthew McGue, PhD

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Dr. Matthew McGue received his PhD from the University of Minnesota and is currently on the faculty of the Psychology Department at the University of Minnesota. He is a behavioral geneticist with two primary areas of research focus. The first concerns the development of substance use disorders from adolescence to adulthood. The second concerns genetic contributions to normative aging processes and mortality. Dr. McGue's research on substance use disorders is based primarily on two ongoing studies he co-directs at the University of Minnesota (MTFS & SIBS). His research on aging is primarily based in Denmark.

The Minnesota Twin Family Study (MTFS) seeks to identify the genetic and environmental influences on the development of psychological traits. It is the largest research initiative within the Department of Psychology and is composed of several independent projects.

The Sibling Interaction and Behavior Study (SIBS) is a study of 400 adoptive and 200 non-adoptive families, each consisting of a pair of adolescent siblings and their parents. A major aim of SIBS is to determine whether the behavior and attitudes of an older sibling represent a major source of environmental influence on adolescent substance use and abuse. A second question being explored in SIBS concerns the psychological adjustment of adopted youth.

In the Danish Studies on Aging, Dr. McGue's research has primarily focused on understanding normative age changes in cognitive functioning and depression symptomatology.