David M. Murray, Ph.D.

Dr. Murray has spent his career evaluating interventions designed to improve the public health. He has focused on the design and analysis of group- or cluster-randomized trials in which groups are randomized to conditions and members of those groups are observed to assess the effect of an intervention. He wrote the first textbook on that material, published by Oxford University Press in 1998. He has worked on many of these trials and has conducted research to develop and test new methods for their design and analysis. After 35 years at the University of Minnesota, the University of Memphis, and the Ohio State University, Dr. Murray joined the NIH in September 2012, as the Associate Director for Prevention and Director of the Office of Disease Prevention. He is responsible for promoting and coordinating prevention research among and between NIH Institutes and Centers and other public and private entities. One of the ODP priorities is to promote the use of the best available methods in prevention research and support the development of better methods. Toward this priority, the ODP website provides an online-course in [Pragmatic and Group-Randomized Trials in Public Health and Medicine](https://prevention.nih.gov/education-training/pragmatic-and-group-randomized-trials-public-health-and-medicine). The NIH [Research Methods Resources](https://researchmethodsresources.nih.gov/) website provides background information for group-randomized and individually randomized group treatment trials as well as a sample size calculator for group-randomized trials. The [Methods: Mind the Gap](https://prevention.nih.gov/education-training/methods-mind-gap) webinars provide training on a variety of prevention science methods.