

PROFESSOR DAVID HUNTER

David Hunter, ScD, will serve as a member of the Core Leadership Group, Chair of the Research Infrastructure Workgroup and a member of the Analytic /Methods Workgroup. Dr. Hunter's responsibilities will include attending Core Leadership Group planning meetings three times a year, and working with the other members of the Core Leadership Group to coordinate all other activities to be conducted under this grant. In his role as Chair of the Research Infrastructure Workgroup, Dr. Hunter will lead the workgroup in their mission to address research infrastructure needed to accelerate and support gene-environment research on highly prevalent complex conditions, including mapping cohorts and other resources, developing capacity at NIH around measures of the physical and social environment, and making policy recommendations.

David Hunter is Vincent L. Gregory Professor in Cancer Prevention in the Departments of Epidemiology and Nutrition at the Harvard School of Public Health. His main research interests include working with colleagues in the Nurses' Health Studies, Health Professionals Follow-up Study and the Physicians' Health Study, to conduct nested cases-control studies of cancer, cardiovascular disease, diabetes, and osteoporosis. Dr. Hunter is co-chair of the Steering Group of the NCI Breast & Prostate Cancer Cohort Consortium, collaboration between nine cohort studies to examine the relations of candidate genes with risk of these cancers. He co-directs the Cancer Genetic Markers of Susceptibility (CGEMS) project, in his role as an NCI Eminent Scholar. Dr. Hunter is also studying the environmental causes of cancer, particularly breast, colon, and skin cancer in two large prospective cohorts of U.S. nurses. In the Nurses' Health Study I, his team conducted a prospective study of the association of blood organochlorine pollutant levels and risk of breast cancer. In the Nurses' Health Study II, a younger cohort, they are studying breast cancer risk factors, including oral contraceptive use, among mainly premenopausal women. His team also conducted studies of risk factors for HIV acquisition in Kenya and Tanzania, and now, in collaboration with Wafaie Fawzi and members of the [Department of Nutrition](#) and Muhimbili Medical Center, they are studying the relation of nutritional factors in HIV progression and perinatal transmission. Dr. Hunter received his MBBS from the University of Sydney in 1982 and his Sc.D. in 1988 from Harvard University.