

Special Issue

Genomic Applications to Promote Public Health in the Context of Health Disparities

Message from the Guest Editors

The field of public health genomics focuses on the effective translation of emerging genomic knowledge for health promotion and disease prevention. Evidence-based guidelines now support family history-based screening for some inherited conditions (e.g., hereditary breast cancer). However, early translation efforts have had limited reach outside of specialty clinical settings in metropolitan areas and to underrepresented minorities. The concern is that this limited reach will exacerbate existing disparities. To avert this, there are a number of important areas to address: 1. Intervention research to evaluate approaches to expand the reach of genomic screening programs to minority populations and those living in rural settings; 2. Communication research to evaluate strategies for conveying genomic risk in a broad array of settings; 3. Community engagement research to evaluate partnerships to extend access to and uptake of genomic applications; 4. Dissemination and Implementation research to understand the adoption and sustainability of guideline implementation and other genomic applications for public health. Inquiries regarding potential topics are welcome.

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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

Editor-in-Chief

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