



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

Guest Editors:

Dr. Colleen M. McBride

Behavioral Sciences and Health Education, Rollins School of Public Health, Emory University

Dr. Yue Guan

Behavioral Sciences and Health Education, Rollins School of Public Health, Emory University

Deadline for manuscript submissions:

closed (15 November 2019)

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Paul B. Tchounwou

RCMI Center for Urban Health
Disparities Research and
Innovation, Richard Dixon
Research Center, Morgan State
University, 1700 E. Cold Spring
Lane, Baltimore, MD 21251, USA

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for 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, open access journal.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, PubMed, MEDLINE, PMC, Embase, GEOBASE, CAPus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (Public Health, Environmental and Occupational Health)

Contact Us

*International Journal of
Environmental Research and Public
Health* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijerph
ijerph@mdpi.com
X@IJERPH_MDPI