Tak Igusa, PhD

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Director for Health, Systems Institute

Dr. Igusa is a Professor at the Johns Hopkins University with appointments in the Departments of Civil Engineering, International Health, Earth and Planetary Sciences, and Applied Mathematics & Statistics. He is the Director for Health in the Systems Institute and the Program Lead of the Education & Training Program at the Global Obesity Prevention Center. He is also advising the development of systems research programs that bridge public health and engineering at the University of the Witwatersrand in Johannesburg, South Africa. Dr. Igusa received a PhD in Civil Engineering from University of California, Berkeley.

To provide rigor to his collaborative activities, Dr. Igusa has been promoting systems science and methodologies, which has led to significant, new research programs within the university. This includes projects funded by the NIH, Robert Wood Johnson Foundation, CDC and the National Science Foundation on systemic studies of childhood obesity, rheumatic disease, community resilience to natural disasters, and technology innovation in developing nations. His most ambitious and far-reaching project is the Clinical Trials System Project, in which he serves as the Research Lead.

Systems Research: Systems Modeling in Public Health, Community Resilience, Auto-immune Disorders