



CALL FOR PAPERS Special Issue on Healthcare Technologies for Socioeconomically Disadvantaged People and Populations

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Special Issue: Healthcare Technologies for Socioeconomically Disadvantaged People and Populations

A majority of the world population (eighty percent), has little to no access to healthcare. "Poor quality health services are holding back progress on improving health in countries at all income levels, according to a new joint report by the World Health Organization (WHO), Organization for Economic Co-operation and Development (OECD), and the World Bank Group." <https://www.worldbank.org/en/news/press-release/2018/07/05/low-quality-healthcare-is-increasing-the-burden-of-illness-and-health-costs-globally>.

While numerous agencies and foundations try to address these issues, there is an abundance of anecdotal evidence of failure of well-intentioned attempts. For example, in the aftermath of a major earthquake in a developing country, this Special Issue editor was approached with a request for help. A brand new ultrasound device was received at the site of the earthquake, but there was no one to operate the device. In another developing country, electrical devices for diagnostics were brought to a rural clinic, but there was no electricity. There is an abundance of such examples throughout the world. These issues are not restricted to developing economies. They occur everywhere, including inner city Chicago and Native Reservations in the United States. Sporadic attempts are made by scientists around the world to develop new medical technologies for the socioeconomically disadvantaged people and populations around the world.

This Special Issue of the *ASME Journal of Medical Devices*, attempts to bring together in one issue a broad range of novel medical device technologies which recognize the specific needs of the medically underserved populations of the world, as well as relevant public policy analysis.

Topic Areas

- Medical device public policy analysis
- Medical imaging
- Medical diagnostics
- Cellular phone and wireless based medical technology
- Large data medical repository and analysis
- Surgical instrumentation
- MEMS and Nano-medical device technology
- Orthopedics
- Pharmaceuticals and drug delivery

Publication Target Dates

Paper Submission Deadline: **August 15, 2019**

Initial Review Completed: **October 15, 2019**

Special Issue Publication Date: **January 30, 2020**

Standard Submission Instructions

Papers should be submitted electronically to the Journal at <https://journaltool.asme.org/home/>. If you already have an account, log in as author and select **Submit Paper** at the bottom of the page. If you do not have an account, select **Submissions** and follow the steps. In either case, at the **Paper Submittal page**, select the [Journal of Medical Devices](#) and then select the special issue **Healthcare Technologies for Socioeconomically Disadvantaged People and Populations**. Papers received after the deadline or papers not selected for inclusion in the Special Issue may be accepted for publication in a regular issue.

Special Issue Editor

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