

BD Public-Private Sector Collaborations

Healthcare Capacity Building in Developing Countries

- Academic Alliance Foundation – Infectious Disease Institute, Uganda
- The Earth Institute at Columbia University - Millennium Villages Project
- Kenyan Medical Research Institute
- Stellenbosch University, South Africa
- US Centers for Disease Control and Prevention - Ministry of Health, Zambia
- US Global AIDS Coordinators Office (PEPFAR) - Mbarara University, Uganda
- World Economic Forum – Global Health Initiative

Increasing Access to Critical Diagnostic Technologies

- Clinton Foundation
- Foundation for Innovative New Diagnostics
- Global Partnership to Stop TB
- Millennium Development Project

Prevention of Iatrogenic and Occupational Disease Transmission

- Global Drug Facility
- Hindustan Latex, Ltd.
- University of Virginia

Volunteerism & Philanthropy

- American Red Cross
- Catholic Medical Mission Board
- Global Business Coalition on HIV/AIDS
- International AIDS Vaccine Initiative
- Save the Children
- US Fund for UNICEF



BD PUBLIC-PRIVATE SECTOR COLLABORATIONS

Healthcare Capacity Building in Developing Countries

BD has recently become an HIV/AIDS collaborating partner of the **Millennium Villages Project**. This commitment will include funding for the project's global HIV/AIDS coordinator and in-country health coordinators, as well as collaboration on diagnostic and clinical infrastructure and core competency needs.

BD engaged in collaboration with the **Zambian Ministry of Health** and the **Centers for Disease Control and Prevention** to provide good laboratory practice (GLP) training to laboratory workers and managers in Zambia, to help improve laboratory procedures in the diagnosis and monitoring of HIV patients. The GLP training program has since grown to include 43 countries and more than 1600 participants (see complete list of collaborators attached).

BD recently opened training centers in collaboration with **Stellenbosch University** in South Africa and the **Kenyan Medical Research Institute** in Kenya. Originally targeted at training for CD4 applications, training is being extended to cover other basic laboratory procedures such as blood collection and quality control. When training classes are not in session, the sites have access to a fully outfitted CD4 laboratory, with equipment donated by BD, to perform immune system monitoring of HIV/AIDS patients. This model is working well and similar sites are being reviewed for Uganda, Mali and Russia. BD has also established training centers in China and India.

BD collaborates with the **Academic Alliance Foundation** and the **Infectious Disease Institute at Makerere University** in Uganda to develop training programs on clinical, public health, and laboratory practices for clinicians and researchers from throughout sub-Saharan Africa.

BD and the **US Global AIDS Coordinators Office** (responsible for coordinating the President's Emergency Plan for AIDS relief) have started a pilot project in **Mbarara University, Uganda** for laboratory and clinical practice training.

BD has provided funding to and is engaged with the **World Economic Forum** to stimulate progress in building healthcare capacity in sub-Saharan Africa. This collaboration included three multi-sector workshops and creation of a White Paper advocating for infrastructure and capacity building.

Increasing Access to Critical Diagnostic Technologies

BD entered into an agreement with the **Clinton Foundation** to expand accessibility of advanced CD4 cell counting technology for immune system monitoring of people living with HIV/AIDS. This agreement resulted in deeply discounted pricing – approximately 75% - for developing world countries compared with developed world pricing. BD also supports this agreement with training and equipment servicing.

BD entered into an agreement with the **Foundation for Innovative New Diagnostics (FINN)** to improve diagnosis of pulmonary tuberculosis (TB) in developing countries (TB is the leading cause of mortality for people living with HIV/AIDS). This agreement includes the establishment of pilot sites in Africa and Asia to introduce advanced technology for rapid diagnosis of multiple drug resistant TB.

BD is an Organizational Partner of **The Global Partnership to Stop TB**, established in 2000 to realize the goal of eliminating TB as a public health problem.

BD is collaborating with the **Millennium Development Project** on Malaria diagnostics in Rwanda

Prevention of Iatrogenic and Occupational Disease Transmission

BD is partnered with **Hindustan Latex, Ltd.** to help prevent the reuse of syringes in India through the introduction of auto-disable syringes, education and training of healthcare workers, and the implementation of advocacy programs with the Government of India. According to a WHO report, unsafe injections are the second leading cause of HIV spread in India.

BD developed an innovative, unique new injection device for the **Stop TB** program of the **Global Drug Facility** to safely inject streptomycin for TB patients in developing countries, most of whom are HIV-positive.

In collaboration with the **University of Virginia**, BD is able to deploy the EPINet™ occupational injury surveillance system at no charge to health care facilities. This system, already in use in 27 countries, protects clinicians through precise tracking of the sources of sharps injury and other blood exposures, facilitating data collection and planning of appropriate exposure prevention policies.

Volunteerism and Philanthropy

BD sent five volunteer teams to remote areas of Zambia in 2005 in collaboration with the **Catholic Medical Mission Board**. The ten volunteers, all BD associates, focused on increasing best practices for routine lab and HIV/AIDS testing, teaching basic skills to local residents and renovating hospitals and clinics. A second volunteer trip to Zambia will take place in 2006.

BD recently expanded its support of the Measles Initiative, a long-term commitment by the **American Red Cross** and its partners to eliminate measles deaths in Africa. BD's expanded commitment to this initiative includes cash contributions, product donations, safe injection training and additional support.

BD provided substantial monetary donations and an advanced, automated cell analysis system to the **International AIDS Vaccine Initiative (IAVI)** to assist in the development of an HIV vaccine.

BD was the founding partner with the **United States Fund for UNICEF** in its effort to support UNICEF's goal of eliminating maternal and neonatal tetanus (MNT) worldwide. BD committed substantial monetary and in-kind donations (including 135 million safe injection devices) to prevent spread of HIV and other diseases in the MNT immunization initiative.

BD provided philanthropic support to **Save the Children** for the establishment of clinics for HIV-positive children in Eastern Europe and Asia.

BD is an active member of the **Global Business Coalition on HIV/AIDS** and is a leading voice in advocacy for supporting the fight against this disease in developing countries.

BD's Collaborations on Good Laboratory Practice (GLP) Training

- Medecins Sans Frontieres (MSF)
- Forum for Collaborative HIV Research
- Burnet Institute
- International Mission Board
- United Nations Development Programme (UNDP)
- Pharmaccess
- Merieux Foundation
- Japan International Cooperation Agency (JICA)
- Disaster Management and Humanitarian Assistance (DMHA)
- Armed Forces Research Institute of Medical Sciences
- UNAIDS
- National Centre of AIDS Prevention
- National Institutes of Health
- Pasteur Institute
- American Society of Clinical Pathology (ASCP)
- CDC / Global AIDS Program
- Infectious Diseases Institute
- Caribbean Epidemiology Centre (CAREC)
- University of Medicine and Dentistry, New Jersey (UMDNJ)
- African Medical and Research Foundation (AMREF) in Tanzania
- World Health Organization
- National AIDS Control Organization (NACO) in India
- National Centre for HIV/AIDS, Dermatology and STDs (NCHADS) in Cambodia
- National AIDS Control Program (NACP) in Ghana
- Ministries of Health in additional countries