

CDC'S Global AR Projects

\$19,673,513

Funding for AR Activities
Fiscal Year 2024

Fourteen local CDC experts across Argentina, Ethiopia, Georgia, India, Kenya, Nigeria, and Vietnam.

Single-Country AR Projects



\$125,000

International Centre for Diarrhoeal Disease Research (icddr,b): Improving understanding of the health and economic impacts of AR in Bangladesh

Experts implement activities as part of the Antibiotic Resistance in Communities and Hospitals (ARCH) program, studying the burden and risk factors for colonization with resistant bacteria in **Bangladesh**. Experts are also assessing health and economic impacts of colonization with resistant bacteria. This work is part of CDC's Global AR Lab and Response Network efforts.



\$125,000

International Centre for Diarrhoeal Disease Research (icddr,b): Building IPC and stewardship capacity through hospital networks in Bangladesh

Experts in **Bangladesh** develop a network of hospitals focused on improving IPC and antibiotic and antifungal stewardship programs.



\$150,000

International Centre for Diarrhoeal Disease Research (icddr,b): Building capacity for fungal disease surveillance in Bangladesh

Experts strengthen capacity for sentinel fungal disease surveillance at hospitals through improved laboratory and clinical capacity, assessing IPC baseline capability, and providing trainings on best practices for IPC measures pertaining to *Candida auris* in **Bangladesh**. This work is part of CDC's Global AR Lab and Response Network.



\$500,000

University of Pennsylvania: Improving understanding of the health and economic impacts of AR in Botswana

Experts implement activities as part of the Antibiotic Resistance in Communities and Hospitals (ARCH) program, studying the burden and risk factors for colonization with resistant bacteria in **Botswana**. Experts are also assessing health and economic impacts of colonization with resistant bacteria. This work is part of CDC's Global AR Lab and Response Network efforts.

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AR: antimicrobial resistance
COVID-19: coronavirus disease 2019
HAI: healthcare-associated infection
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CDC provides critical support in the U.S. and abroad to protect people from antimicrobial resistance.

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\$250,000

Foundation for Scientific and Technological Development in Health (FIOTEC): Strengthening AR surveillance in Brazil
Experts strengthen AR surveillance in clinical and reference laboratories for phenotypic and genotypic characterization across five regions of **Brazil**. Activities include training and validation of tests and standardization of methods to detect AR; implementation of whole genome sequencing; and creation of data analysis and reporting platforms to better understand the spread of AR. This work is part of CDC's Global AR Lab and Response Network efforts.



\$731,754

Foundation for Scientific and Technological Development in Health (FIOTEC): Strengthening a national surveillance system for antimicrobial-resistant *Candida* in Brazil
Experts strengthen the Brazilian Antimicrobial Resistance Surveillance System (BR-GLASS) and sentinel lab capacity to improve monitoring of antimicrobial-resistant *Candida* species in **Brazil**. Work expands and enhances IPC strategies, improves patient outcomes, and prevents transmission of *Candida* in healthcare settings, including providing technical support to stop *Candida auris* outbreaks. This work is part of CDC's Global AR Lab and Response Network.



\$100,000

Training Programs in Epidemiology and Public Health Interventions Network: Enhancing IPC capacity in hospitals in Brazil
Experts support projects with the University of São Paulo in **Brazil** to enhance IPC in 10 hospitals with assessments of facility IPC capacity, continuous quality improvement, and a community of practice focusing on prevention of surgical site infections. Experts also improve the prevention of neonatal sepsis and support IPC communities of practice.



\$400,000

Universidad del Desarrollo: Improving understanding of the health and economic impacts of AR in Chile
Experts implement activities as part of the Antibiotic Resistance in Communities and Hospitals (ARCH) program, studying the burden and risk factors for colonization with resistant bacteria in **Chile**. Experts are also assessing health and economic impacts of colonization with resistant bacteria. This work is part of CDC's Global AR Lab and Response Network efforts.



\$150,000

Instituto Nacional de Salud: Strengthening national laboratory capacity and surveillance in Colombia
Experts in **Colombia** expand and strengthen national laboratory capacity to detect invasive fungal bloodstream infections (BSI) caused by *Candida* species, which will enhance laboratory-based surveillance for emerging drug-resistant *Candida* species and provide national data for the Global Antimicrobial Resistance and Use Surveillance System Fungi Module (GLASS-FUNGI). This work is part of CDC's Global AR Lab and Response Network.



\$33,000

Instituto Nacional de Salud: Building laboratory capacity and strengthening prevention and response efforts for AR in Colombia
Experts in **Colombia** provide training on surveillance practices and molecular epidemiology through FungiNet, strengthening the prevention, monitoring, and response for emerging *Candida auris* and other fungal pathogens.



\$50,000

Ethiopia Public Health Institute: Expanding a national AR surveillance network in Ethiopia
Experts in **Ethiopia** expand participation in a national AR surveillance network and improve the network's data quality to better understand the burden of AR in Ethiopia.

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\$730,000

The Ohio State University: Implementing the Global Action in Healthcare Network in Ethiopia

Experts work in **Ethiopia** as part of the Global Action in Healthcare Network (GAIHN), developing a global network to address emerging infectious diseases threats in healthcare facilities through rapid detection and collaborative surveillance, prevention, and response. GAIHN works as part of CDC's Global AR Lab and Response Network to address priority antimicrobial-resistant healthcare pathogens.



\$150,000

National Center for Disease Control and Public Health: Strengthening laboratory capacity and detection to guide national efforts on AR in Georgia

Experts increase capacity to detect invasive fungal bloodstream infections in **Georgia**. The National Center for Disease Control and Public Health strengthens capacity to identify *Candida* species and perform antimicrobial susceptibility testing. Activities guide national efforts to combat AR and report through the Global Antimicrobial Resistance and Use Surveillance System Fungi Module (GLASS-FUNGI). This work is part of CDC's Global AR Lab and Response Network.



\$200,000

Vanderbilt University: Implementing the Global Action in Healthcare Network in Greece

Experts work in **Greece** as part of the Global Action in Healthcare Network (GAIHN), developing a global network to address emerging infectious diseases threats in healthcare facilities through rapid detection and collaborative surveillance, prevention, and response. GAIHN works as part of CDC's Global AR Lab and Response Network to address priority antimicrobial-resistant healthcare pathogens. This work was supported by CDC global health protection funding.



\$200,000

Washington State University: Evaluating the risk of colonization with antimicrobial-resistant gut bacteria in Guatemala

Experts evaluate the risk for human colonization with antimicrobial-resistant gut bacteria using a One Health approach in **Guatemala**. Samples from livestock, companion animals, milk, and drinking water help improve understanding of how these bacteria spread in communities. This work is part of CDC's Global AR Lab and Response Network.



\$75,000

Washington State University: Improving understanding of the health and economic impacts of AR in Guatemala

Experts implement activities as part of the Antibiotic Resistance in Communities and Hospitals (ARCH) program, studying the burden and risk factors for colonization with resistant bacteria in **Guatemala**. Experts are also assessing health and economic impacts of colonization with resistant bacteria. This work is part of CDC's Global AR Lab and Response Network efforts.



\$250,000

All India Institute of Medical Sciences: Strengthening HAI surveillance and improving IPC capacity across India

Experts in **India** conduct HAI surveillance for bloodstream infections, urinary tract infections, and surgical site infections and report them through an online portal. Experts also support IPC training, quality improvement methodology, and improved use of antibiotics.

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\$100,000

Association of Public Health Laboratories: Supporting national quality assurance programs for drug-resistant tuberculosis in India

Experts are working in **India** to support quality assured tuberculosis (TB) testing sites by introducing and expanding CDC-developed national external quality assurance programs for antibiotic susceptibility testing and virtually training testers and testing programs with new online resources.



\$275,000

Indian Council of Medical Research: Improving understanding of the health and economic impacts of AR in India

Experts implement activities as part of the Antibiotic Resistance in Communities and Hospitals (ARCH) program, studying the burden and risk factors for colonization with resistant bacteria in **India**. Experts are also assessing health and economic impacts of colonization with resistant bacteria. This work is part of CDC's Global AR Lab and Response Network efforts.



\$740,000

Johns Hopkins University: Implementing the Global Action in Healthcare Network in India

Experts work in **India** as part of the Global Action in Healthcare Network (GAIHN), a global network to address emerging infectious diseases threats in healthcare facilities through rapid detection and collaborative surveillance, prevention, and response. GAIHN works as part of CDC's Global AR Lab and Response Network to address priority antimicrobial-resistant healthcare pathogens.



\$100,000

Society for Health Allied Research and Education India: Strengthening IPC and improving diagnosis capabilities for drug-resistant tuberculosis in India

Experts in **India** are expanding IPC and airborne infection control measures, developing strategies for early tuberculosis (TB) diagnosis among healthcare workers, and strengthening capacity to use data to improve drug-resistant TB diagnosis and treatment.



\$250,000

Society for Health Allied Research and Education India: Improving prevention, detection, and treatment of drug-resistant tuberculosis in India

Experts in **India** conduct active household contact tracing for active and latent tuberculosis (TB) intervention and implement interventions to improve drug-resistant TB treatment outcomes and prevent further transmission. This work was partially supported by CDC emergency supplemental funding.



\$250,000

Koperasi Jasa Institut Riset Eijkman: Improving capacity to detect and monitor emerging AR in bacterial respiratory pathogens in Indonesia

Experts enhance the capacity of clinical laboratories at select secondary or tertiary hospitals in **Indonesia** to identify and characterize antimicrobial-resistant respiratory germs, with a focus on *Streptococcus pneumoniae*. This work is part of CDC's Global AR Lab and Response Network.



\$150,000

Civilian Research and Development Foundation Global: Strengthening AR surveillance and IPC in Jordan

Experts work in **Jordan** as part of the Global Action in Healthcare Network (GAIHN), developing a global network to address emerging infectious disease threats in healthcare facilities through rapid detection and collaborative surveillance, prevention, and response. GAIHN works as part of CDC's Global AR Lab and Response Network to address priority antimicrobial-resistant healthcare pathogens.

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\$417,500

Association of Public Health Laboratories: Establishing environmental surveillance strategies for antimicrobial-resistant *Escherichia coli* in Kenya

Experts work with local labs in **Kenya** on environmental surveillance of antimicrobial-resistant *Escherichia coli* in drinking water, drinking water sources, and environmental water and assess risk factors for exposure to antimicrobial-resistant pathogens to improve infection prevention measures. This work is part of CDC's Global AR Lab and Response Network.



\$225,000

ICAP at Columbia University: Improving detection, monitoring, and mitigation of AR in Kenya

Experts conduct the Global Healthcare Detection and Response (DARE) AMR Project to improve facility and laboratory capacity to detect, monitor, and mitigate the transmission and emergence of antimicrobial-resistant bacterial and fungal pathogens in **Kenya**. Activities include estimating the burden of AR, enhancing AR surveillance, improving antibiotic and antifungal stewardship, and developing quality improvement capacity for antibiotic and antifungal use and IPC in healthcare settings.



\$50,000

Kenya Ministry of Public Health and Sanitation: Establishing national IPC and AR indicators and strengthening stewardship capacity in Kenya

Experts in **Kenya** establish national IPC and AR indicators that facilities must report to the National Hospital Insurance Fund as part of facility accreditation; strengthen antibiotic and antifungal stewardship teams; support country antimicrobial stewardship committees; and develop a national IPC monitoring and evaluation system.



\$722,572

University of Nairobi: Monitoring and preventing antimicrobial-resistant *Candida auris* in Kenya

Experts improve the capacity to detect, monitor, and control emerging antimicrobial-resistant *Candida auris* in **Kenya's** healthcare settings. This work will enhance IPC strategies, improve patient outcomes, and protect the healthcare workforce. This work is part of CDC's Global AR Lab and Response Network.



\$266,000

Washington State University: Improving understanding of the health and economic impacts of AR in Kenya

Experts implement activities as part of the Antibiotic Resistance in Communities and Hospitals (ARCH) program, studying the burden and risk factors for colonization with resistant bacteria in **Kenya**. Experts are also assessing health and economic impacts of colonization with resistant bacteria. This work is part of CDC's Global AR Lab and Response Network efforts.



\$242,500

Washington State University: Establishing environmental surveillance strategies for antimicrobial-resistant *Escherichia coli* in Kenya

Experts work with local labs in **Kenya** on environmental surveillance of antimicrobial-resistant *Escherichia coli* in drinking water, drinking water sources, and environmental water and assess risk factors for exposure to antimicrobial-resistant pathogens to improve infection prevention measures. This work is part of CDC's Global AR Lab and Response Network.



\$305,000

Fundación México-Estados Unidos para la Ciencia (FUMEC): Establishing a national AR surveillance system in Mexico

Experts are establishing a national AR primary care surveillance system in **Mexico**, including development of a national procedure manual, laboratory capacity building, online training course, and telementoring for healthcare workers.

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\$50,000

College of Medicine, University of Lagos: Strengthening *Candida auris* epidemiology and laboratory capacity in Nigeria

Experts strengthen the prevention, monitoring, and response to AR in **Nigeria**, specifically for *Candida auris*, by providing training on laboratory and epidemiology practices.



\$50,000

Nigeria Centre for Disease Control: Establishing national IPC policies and guidelines and strengthening IPC in Nigeria

Experts in **Nigeria** develop national policies and guidelines for IPC and expand the Turn Nigeria Orange Network, a network of tertiary-level hospitals implementing IPC improvement projects, surgical site infection surveillance, and IPC monitoring and evaluation activities.



\$113,000

Health Security Partners: Strengthening IPC capacity in Oman

Experts collaborate with the **Oman** Ministry of Health and the Association for Professionals in Infection Control and Epidemiology to develop training courses for IPC specialists in Oman. This work was supported by CDC global health protection funding.



\$150,000

Health Security Partners: Improving prevention and response efforts for antimicrobial-resistant typhoid in Pakistan

Experts improve typhoid prevention and response in **Pakistan** by developing training materials for the Field Epidemiology and Laboratory Training Program and convening stakeholders to prioritize key control measures. These activities will better prepare the epidemiologic workforce to control typhoid fever and improve coordination and planning of interventions. This work is part of CDC's Global AR Lab and Response Network.



\$60,000

Integral Global: Combating drug-resistant typhoid in Pakistan

Experts support the implementation of stakeholder meeting outcomes to reduce extensively drug-resistant typhoid in **Pakistan**, specifically in Sindh province. This work was supported by CDC global health protection funding.



\$50,000

JHPIEGO: Establishing IPC programs to prevent HAIs in Pakistan

Experts in **Pakistan** develop IPC programs focused on preventing HAIs at the national, provincial, and facility levels.



\$482,501

National Institutes of Health, Pakistan: Monitoring and preventing antimicrobial-resistant *Candida auris* in Pakistan

Experts work to increase the capacity to detect, monitor, and control emerging antimicrobial-resistant *Candida auris* in **Pakistan's** healthcare settings. Experts enhance data reporting tools and improve IPC strategies to prevent healthcare transmission and improve patient outcomes. This work is part of CDC's Global AR Lab and Response Network.



\$500,000

Northwestern University: Strengthening surveillance of antimicrobial-resistant *Candida auris* in Pakistan

Experts strengthen capacity to detect, track, and report antimicrobial-resistant *Candida auris* and other antimicrobial-resistant *Candida* species at Aga Khan University Hospital in **Pakistan**. This work informs outbreak detection and response. This work is part of CDC's Global AR Lab and Response Network.

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\$93,750

Center for Health Solutions and Innovations Philippines, Inc.: Reducing the burden of tuberculosis for U.S.-bound travelers in the Philippines

Experts reduce the tuberculosis (TB) burden in U.S.-bound populations from **the Philippines** by providing technical assistance to the Olopongo City TB control program.



\$50,000

Tanzania Ministry of Health: Establishing national IPC guidelines and developing a monitoring and evaluation framework for IPC in Tanzania

Experts in **Tanzania** are developing national IPC guidelines and a framework and indicators for IPC monitoring and evaluation.



\$75,000

Bangkok Metropolitan Administration: Developing a network of hospitals to improve IPC and stewardship in Thailand

Experts are developing a network of hospitals focused on improving IPC, antibiotic and antifungal stewardship, and AR detection and response in **Thailand**.



\$150,000

Ministry of Public Health of Thailand: Building capacity for wastewater surveillance in Thailand

In collaboration with CDC's Thailand Applied Science Hub, experts build capacity for wastewater and environmental surveillance (WES), focusing on AR. This effort builds WES capacity to inform preparedness, demonstrates how AR data from WES contribute to **Thailand's** AR National Action Plan, and underscores how surveillance of environmental systems complements wastewater data. This work was supported by CDC global health protection funding.



\$60,000

Ministry of Public Health of Thailand: Enhancing AR surveillance and a reference testing system in Thailand

Experts in **Thailand** implement a national AR surveillance and reference testing system to detect new and emerging AR pathogens.



\$200,000

Infectious Diseases Institute: Establishing a network of hospitals to improve IPC programs for surgical site infections in Uganda

Experts in **Uganda** establish a network of hospitals implementing surgical site infection prevention and surveillance programs.



\$100,000

Hanoi Medical University: Expanding national surveillance for HAIs and AR in Vietnam

Experts work with the **Vietnam** Ministry of Health to expand national surveillance for HAIs and AR.



\$75,000

Vietnam Administration for Medical Services: Strengthening IPC and enhancing HAI and AR prevention and detection in Vietnam

Experts in **Vietnam** develop national guidelines and standards for improving IPC and preventing HAIs and the spread of AR in healthcare facilities and expanding national surveillance for HAIs and AR.

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\$75,000

Vietnam National Lung Hospital/National Tuberculosis Program: Improving diagnosis and surveillance of drug-resistant tuberculosis in Vietnam

Experts in **Vietnam** improve the accuracy and reliability of drug-resistant tuberculosis (TB) diagnostic and drug susceptibility testing by supporting the Vietnam National TB Reference Laboratory to serve as an external quality assurance program workshop facilitator and producer of novel quality control materials for a new TB rapid test.



\$80,000

PATH: Developing data visualization tools for drug-sensitive and drug-resistant tuberculosis in Zambia

Experts in **Zambia** are working to visualize the rates of drug-sensitive and drug-resistant tuberculosis (TB) by creating graphical clusters and heat maps of reported TB cases. This project will assist in tailoring local TB prevention, case finding, and treatment activities. This work was supported by CDC Global TB Funds.

Multi-Country AR Projects



\$1,280,000

American Society for Microbiology: Enhancing global laboratory capacity in Mexico and Brazil to detect, assess, and respond to emerging AR

Experts work with partners to strengthen laboratory system data reporting and improve AR detection and response for *Bordetella pertussis* in **Mexico** and **Brazil** to identify emerging resistance and help respond to outbreaks. This work is part of CDC's Global AR Lab and Response Network.



\$200,000

Association of Public Health Laboratories: Developing a data and information system to support the Global Action in Healthcare Network

Experts develop data and information systems for the Global Action in Healthcare Network (GAIHN), a global network to address emerging infectious disease threats in healthcare facilities through rapid detection and collaborative surveillance, infection prevention, and response. GAIHN works as part of CDC's Global AR Lab and Response Network to address priority antimicrobial-resistant healthcare pathogens.



\$1,027,833

Association of Public Health Laboratories: Improving the detection and characterization of gut pathogens in the Asia-Pacific region and Africa

Experts support CDC and global partners to develop whole genome sequencing and bioinformatics capacity to collect, track, and report data on enteric (gut) bacteria and AR in the **Asia-Pacific region** and in **Africa**. This work is part of CDC's Global AR Lab and Response Network.



\$100,000

Association of Public Health Laboratories: Strengthening next generation sequencing capacity to detect drug-resistant tuberculosis

Experts are working to expand next generation sequencing capacity for detection of drug-resistant tuberculosis to guide appropriate patient treatment through development and implementation of a practical global sequencing toolkit. This work was supported by CDC Global TB Funds.



\$550,000

Baylor College of Medicine: Improving drug-resistant tuberculosis diagnosis and prevention across Africa

Experts are working in **Botswana, Lesotho, Malawi, Eswatini, Tanzania,** and **Uganda** to optimize approaches for the diagnosis and prevention of tuberculosis (TB), including drug-resistant TB, in adults and children living with HIV. This work was supported by CDC Global TB funds.

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\$258,000

Civilian Research and Development Foundation Global: Establishing whole genome sequencing and bioinformatics capacity for gut pathogens in the Middle East and North Africa region

Experts support CDC and global partners to develop whole genome sequencing and bioinformatics capacity to collect, track, and report data on enteric (gut) bacteria and AR in the **Middle East – North Africa region**. This work is part of CDC's Global AR Lab and Response Network.



\$500,000

Global Scientific Solutions for Health: Improving detection and response to antimicrobial-resistant meningococcal disease in Burkina Faso and Togo

Experts support surveillance for antimicrobial-resistant *Neisseria meningitidis* – the cause of meningococcal disease – in **Burkina Faso, Niger, and Togo** to guide public health decision making and tracking and responding to the threat of meningococcal disease outbreaks in the region. This work is part of CDC's Global AR Lab and Response Network.



\$450,000

Health Security Partners: Implementing the Global Action in Healthcare Network in Brazil, Indonesia, and the Philippines

Experts work in **Brazil, Indonesia, and the Philippines** as part of the Global Action in Healthcare Network (GAIHN), developing a global network to address emerging infectious disease threats in healthcare facilities through rapid detection and collaborative surveillance, prevention, and response. GAIHN works as part of CDC's Global AR Lab and Response Network to address priority antimicrobial-resistant healthcare pathogens. Experts are also implementing studies on the changes in antibiotic and antifungal use and resistance during the COVID-19 pandemic and supporting whole genome sequencing of antimicrobial-resistant pathogens in Indonesia and the Philippines.



\$120,000

Health Security Partners: Supporting IPC collaboration between the U.S. and Southeast Asia

Experts collaborate with the Association of Southeast Asian Nations (ASEAN) on the ASEAN-United States IPC Task Force. This task force serves as a regional resource for the effective detection, prevention, and response to emerging infectious disease threats in healthcare facilities across **Southeast Asia**.



\$200,000

ICAP at Columbia University: Building capacity for wastewater surveillance in Eastern Europe and Central Asia

Experts build capacity and provide training for wastewater and environmental surveillance (WES), including for detection of AR. This effort builds WES capacity to inform preparedness and prevention efforts in the **Eastern Europe and Central Asia region**. This work was supported by CDC emergency supplemental funding.



\$325,000

Pan American Health Organization, Inc. (PAHO): Implementing the Global Action in Healthcare Network in Central and South America

Experts work in **Argentina, Belize, Chile, Costa Rica, Ecuador, and Uruguay** as part of the Global Action in Healthcare Network (GAIHN), developing a network to address infectious disease threats in healthcare through rapid detection, surveillance, prevention, and response. GAIHN is part of CDC's Global AR Lab and Response Network and addresses priority healthcare pathogens. This work was supported by CDC global health protection funding.

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\$146,832

Pan American Health Organization, Inc. (PAHO): Strengthening fungal disease surveillance in Latin America and the Caribbean

Experts are establishing a regional AR surveillance network for invasive fungal infections using Global Antimicrobial Resistance and Use Surveillance System (GLASS) Candidemia Surveillance to strengthen infection prevention and the monitoring of and response to AR in **Latin America** and **the Caribbean**. Experts also provide training on surveillance practices.



\$350,000

Pan American Health Organization, Inc. (PAHO): Implementing the Global Action in Healthcare Network in Latin America and the Caribbean

Experts conduct surveillance for AR in **Latin America the Caribbean** through ReLAVRA, the Latin American Network for Antimicrobial Resistance Surveillance, studying the burden of mortality attributable to antimicrobial-resistant bloodstream infections, and assess detection, containment, and response capacity in Latin America and the Caribbean for carbapenem-resistant organisms.



\$280,000

Training Programs in Epidemiology and Public Health Interventions Network: Coordinating regional IPC hubs and supporting IPC programs across Africa

Experts collaborate with the Infection Control Africa Network to develop and coordinate regional IPC hubs to support national IPC programs across **Africa**.



\$150,000

Water Environment Federation: Developing a global community of practice for wastewater and environmental surveillance

Experts are developing and piloting a strategic document for the design and implementation of a Global Wastewater and Environmental Surveillance Communities of Practice for future implementation with international partners. This work is part of CDC's Global AR Lab and Response Network.



\$150,000

Wits Health Consortium: Enhancing surveillance and bioinformatics capacity for antimicrobial-resistant fungi and improving whole genome sequencing across Africa

Experts strengthen surveillance capacity for antimicrobial-resistant fungi in **southern Africa**, prioritizing focus on *Candida* species and *Cryptococcus* species. Experts also strengthen capacity for fungal bioinformatics and whole genome sequencing in **South Africa**, with plans to incorporate data from South Africa and regional country partner labs into FungiNet Global. This work is part of CDC's Global AR Lab and Response Network.



\$1,330,575

World Health Organization: Strengthening global and national surveillance for antimicrobial-resistant *Neisseria gonorrhoeae*

The Enhanced Gonococcal Antimicrobial Surveillance Programme (EGASP) monitors trends in *Neisseria gonorrhoeae* antimicrobial susceptibility. EGASP data improve understanding of susceptibility patterns and inform treatment guidelines to help isolate and prevent the spread of antimicrobial-resistant *N. gonorrhoeae*. This work in **Argentina, Brazil, Cambodia, Cote d'Ivoire, India, Indonesia, Malawi, Philippines, Qatar, South Africa, Thailand, Uganda, Vietnam, and Zimbabwe** is part of CDC's Global AR Lab and Response Network and is supported by CDC AR and STI funds.

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World Health Organization: Improving treatment for drug-resistant tuberculosis

Experts facilitate and expedite the implementation of new, shorter regimens for the treatment of all forms of drug-resistant tuberculosis globally. This work was supported by CDC Global TB funds.

\$60,000



World Health Organization: Strengthening global diagnostic testing capacity for tuberculosis

Experts strengthen and internationally accredit the global quality assurance program for tuberculosis (TB) diagnostic and susceptibility testing. Experts ensure that supranational TB reference laboratories provide accurate laboratory confirmation and reporting of drug-resistant TB globally. This work was supported by CDC Global TB funds.

\$123,575



World Health Organization: Strengthening global surveillance for antimicrobial-resistant fungi

Experts strengthen the Global Antimicrobial Resistance and Use Surveillance System (GLASS) for bacterial antimicrobial-resistant pathogens, develop global training materials for IPC specialists, create tools to improve IPC implementation during responses to public health emergencies, and support the development of national-level antibiotic and antifungal stewardship programs.

\$1,024,122



World Health Organization: Strengthening global surveillance for antimicrobial-resistant pathogens and improving IPC implementation

Experts strengthen the Global AR and Use Surveillance System (GLASS), develop global training materials for IPC specialists, create tools to improve IPC implementation during responses to public health emergencies, and support the development of national IPC programs in the World Health Organization **African region**.

\$100,000



World Health Organization: Strengthening prevention, monitoring, and response to AR through networks in Latin America

Experts provide training on surveillance practices, with a special emphasis on countries in **Latin America**, and strengthen the prevention, monitoring, and response to AR by establishing a global AR surveillance network for invasive fungal infections (Global Antimicrobial Resistance and Use Surveillance System (GLASS) Candidemia Surveillance).

\$219,999

Learn more about CDC's work to combat antimicrobial resistance globally:

www.cdc.gov/antimicrobial-resistance/
www.cdc.gov/antimicrobial-resistance-laboratory-networks/php/about/global.html
www.cdc.gov/international-infection-control/hcp/about/iicb.html
www.cdc.gov/global-hiv-tb/php/index.html

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