

CATALOGUE OF CIVIL SOCIETY ASSISTANCE TO STATES PARTIES

In Support of Article X of The Biological & Toxins Weapons Convention

NOVEMBER 2022

PROJECT DESCRIPTION

We are pleased to present the 2022 Catalogue of Civil Society Assistance Programs to highlight civil society's contributions to the BWC and States Parties, including through initiatives to enhance biological safety and security around the world. By providing a uniform product, we hope State Parties will be able to easily identify programs, experts and organizations. In addition to organization and project descriptions, the information provided in this catalogue includes points of contact for each program to facilitate stronger connections between civil society and State Parties in need of assistance.

This catalogue is compiled by Georgetown University Center for Global Health Science and Security (GHSS) and The Henry L. Stimson Center. Additionally, material contained in the catalogue will be included in the Stimson Center's 1540 Assistance Support Initiative Database (<https://1540assistance.stimson.org>) and the catalogue published on the GHSS and Stimson Center's website.

Catalogue compiled by:

GEORGETOWN
UNIVERSITY

CENTER for GLOBAL HEALTH
SCIENCE & SECURITY

STIMSON

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Biodefense Graduate Program



Type of Organization: Academia

Project Name: Biodefense Graduate Program

Project Type: Biological Weapons Nonproliferation; Biosafety/Biosecurity; Chemical Weapons Nonproliferation; Chemical Security; Nuclear; Radiological; Investigation; Export Control/Border Security; Legislative/Regulatory; Collaborative research projects; Knowledge Sharing; Outreach/awareness-raising; Disease Surveillance; Preparedness/Response (Outbreaks); Preparedness/Response (CBRN)

Geographical Focus: Worldwide

Project Description: George Mason University's Biodefense Graduate Program bridges the gap between science and policy by providing students with the knowledge and analytic skills to assess the risks posed by natural and man-made biological threats, weapons of mass destruction and terrorism, and to develop strategies for reducing these risks to national and international security.

This 36-credit Master of Science (MS) in Biodefense is interdisciplinary with core courses on the biology and epidemiology of key biological threats, US and global health security programs and policies, and theory and methods. The broad array of electives offered by the program and the Schar School allow students to tailor their graduate education to focus on their academic and professional needs. The degree is ideal for those interested in careers in the public, private, and non-profit sectors at the nexus of health, science, and security.

The MS can also be pursued entirely online. The online biodefense courses are offered in an asynchronous format – instructors make the class instruction available online for students to access at any time from any location. All of the biodefense courses are offered in-person and online on a rotating basis.

Project Status: Available

Point of Contact:

Gregory D. Koblentz, Director, Biodefense Graduate Program, Schar School of Policy and Government, George Mason University
gkoblent@gmu.edu

Organization Location: Arlington, Virginia, USA

For more information please visit: <https://schar.gmu.edu/biodefense-programs>

The Center for Global Health Science & Security

Georgetown University



Type of Organization: Academia, Research Institute

Organization Description: The Georgetown University Center for Global Health Science and Security (GHSS) aims to stop the next pandemic. We work to mitigate the threats posed by outbreaks and other public health emergencies by enriching the evidence base for informed decision-making and promoting sustainable capacities to prevent, detect and respond. We develop evidence for action by mapping and strengthening public health systems, offering policy analysis and advice, and developing global health tools and curricula. We explore the growing demands on the world's public health infrastructure, from policies intended to contain transnational disease threats to the economic benefits of promoting health in the world's least resourced communities, and the changing roles for health in domestic and international security and diplomacy.

GHSS focuses on scholarship, policy, public literacy and training around core pillars of health intelligence; law, governance, and financing; climate and health; biosafety and biosecurity; and implementation science. We also curate data to support the evidence base for decision making in health security, many of which are publicly available at [GHSIDEA.org](https://ghsidea.org).

Project Name(s): Responding to Deliberate Biological Events (general)

Project Types: Biological Weapons Non-Proliferation; Biosafety/Biosecurity; Preparedness/Response (Outbreak); Preparedness/Response (CRBN); Legislative/Regulatory; Site-specific equipment/facility improvements; Develop of Resources/Tools/References; Laboratory; Knowledge Sharing

Geographical Focus: Worldwide

Project Description(s): The *Responding to Deliberate Biological Events* project is primarily focused on Article VII and X of the BWC, as well as issues related to the UNSGM. We aim to provide decisions-makers with the necessary tools to better conceptualize what a response to a deliberate biological event could entail. These tools include: the [Stakeholders in a Deliberate Biological Event \(DBE\)](#) which describes how a deliberate biological outbreak might unfold, including the stakeholders who would be involved in identifying, responding to, and recovering from the event; tabletop exercises to test questions of governance in response to deliberate biological events; the [Georgetown Outbreak Activity Library \(GOAL\)](#) which is an online platform that maps all activities and stakeholders involved in a response. Additionally, the Center has projects focused on operational and implementation research questions related to sustainable health systems strengthening, with an emphasis on the prevention, management, and control of infectious diseases in countries and regions affected by conflict, as well as work on multisectoral engagement to support health security and biosecurity in particular.

The Center supports multiple undergraduate and graduate degree programs, including masters and doctoral work in global infectious diseases, biothreats, science policy, and international affairs. We also support postdoctoral training in health security.

Funding Partners: Various funding partners

Project Status: Active

Point of Contact: Dr. Rebecca Katz
Rebecca.Katz@georgetown.edu

Organization Location: Washington, D.C, USA
For more information please visit: <https://ghss.georgetown.edu/>

The Center for Global Health Science & Security

Georgetown University



Type of Organization: Academia, Research Institute

Organization Description: The Georgetown University Center for Global Health Science and Security (GHSS) aims to stop the next pandemic. We work to mitigate the threats posed by outbreaks and other public health emergencies by enriching the evidence base for informed decision-making and promoting sustainable capacities to prevent, detect and respond. We develop evidence for action by mapping and strengthening public health systems, offering policy analysis and advice, and developing global health tools and curricula. We explore the growing demands on the world's public health infrastructure, from policies intended to contain transnational disease threats to the economic benefits of promoting health in the world's least resourced communities, and the changing roles for health in domestic and international security and diplomacy.

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Project Name(s): Legal Barriers to the United Nations Secretary-General's Mechanism for Alleged Uses of Biological Weapons (UNSGM)

Project Types: Biological Weapons Non-Proliferation; Biosafety/Biosecurity; Preparedness/Response (Outbreak); Preparedness/Response (CRBN); Legislative/Regulatory; Develop of Resources/Tools/References; Knowledge Sharing

Geographical Focus: Worldwide

Project Description(s): This project identifies and preempts potential legal barriers and risks to the future operation of the UNSGM in light of developments under international law and domestic laws for access and benefit sharing (ABS) and export controls. This project maps the ABS, export control, biosecurity and biosafety legislation in every country around the world, while also developing an instrument to assist in establishing prenegotiated obligations to commit to pathogen sharing during a potential UNSGM investigation.

Funding Partners: U.S. Department of State

Project Status: Active, ongoing, available

Point of Contact: Dr. Alexandra Phelan
Alexandra.Phelan@georgetown.edu

Organization Location: Washington, D.C, USA
For more information please visit: <https://ghss.georgetown.edu/>

Johns Hopkins Center for Health Security



JOHNS HOPKINS
BLOOMBERG SCHOOL
of PUBLIC HEALTH

Center for
Health Security

Type of Organization: Academia; Private Sector; Research Institute; Think Tank

Organization Description: The Johns Hopkins Center for Health Security (JHCHS) works to protect people's health from epidemics and disasters and ensure that communities are resilient to major health challenges. JHCHS conducts research and policy analysis across the broad spectrum of health security, focusing on five core topic areas: Global Health Security, Emerging Infectious Diseases and Epidemics, Medical and Public Health Preparedness and Response, Deliberate Biological Threats, and Opportunities and Risks in the Life Sciences.

JHCHS engages in a number of projects and analyses related to the BWC, including participation in BWC meetings, policy-focused tabletop exercises, bilateral and multilateral biosecurity dialogues, collaborations with the BWC Implementation Support Unit, and original research to directly support treaty implementation and strengthening efforts. JHCHS also engages in a variety of partnerships and collaborations, both domestically and internationally, to address ongoing and emerging natural, accidental, and deliberate biological threats as well as emerging biological capabilities and their associated benefits and risks, with the aim of ensuring the broadest availability and use of biology for peaceful purposes.

Project Name: JHCHS General

Project Types: Biological Weapons Nonproliferation; Biosafety/Biosecurity; Other Health Security; Investigation; Conference/Workshop; Development of resources/tools/references; Network development/outreach; Legislative/Regulatory; Development of laws/regulations/guidelines; Collaborative research projects; Knowledge sharing; Outreach/awareness-raising; Disease Surveillance; Preparedness/Response (Outbreaks); Preparedness/Response (CBRN)

Geographical Focus: Worldwide

Project Description: JHCHS also conducts a variety of other projects and analyses related to the BWC and deliberate biological events. Other topics include: scientific codes of conduct, attribution and forensics for suspected deliberate biological events, regional biosecurity dialogues, combating mis- and disinformation, novel approaches to vaccine and therapeutic development, and international biosafety norms and policies

Funding Partners: Open Philanthropy, Defense Threat Reduction Agency (US Department of Defense), and others

Implementing Partners: Defense Threat Reduction Agency (US Department of Defense), US Department of State, Tianjin University (China), Interacademy Partnership (IAP)

Project Status: Ongoing

Point of Contact:

Gigi Gronval, Senior Scholar, Associate Professor
ggronvall@jhu.edu

Organization Location: Baltimore, Maryland USA

For more information please visit: <https://www.centerforhealthsecurity.org/>

Johns Hopkins Center for Health Security



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Health Security

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Project Name: The BWC Global Forum: Biotech, Biosecurity & Beyond

Project Types: Biological Weapons Nonproliferation; Biosafety/Biosecurity; Development of resources/tools/references; Knowledge sharing; Outreach/awareness-raising; Biotechnology/Science & Technology

Geographical Focus: Worldwide

Project Description: Since 2018, the Global Forum on Scientific Advances Important to the BWC has provided a platform to facilitate direct engagement between BWC delegations and technical experts across the spectrum of biology. The Global Forum aims to inform BWC delegates on emerging biology and biotechnology capabilities and their potential impact on the BWC as well as raise awareness about the BWC and bioweapons nonproliferation norms among the scientific community. Originally held as full-day workshops at the 2018 and 2019 BWC Meetings of States Parties, the Global Forum is taking on a new format to improve its ability to serve as a technical resource for SPs and other BWC stakeholders.

The BWC Global Forum: Biotech, Biosecurity & Beyond is a new podcast in which some of the world's foremost technical experts will share their expertise and insight on emerging and future biological capabilities. In each episode, guests will discuss advancements in biology, including their capabilities, applications, benefits, and risks, and the Global Forum hosts provide additional analysis regarding their potential impact on the BWC. This ongoing effort will provide a permanent and growing repository of information on scientific advancements to support BWC delegations and other stakeholders working on bioweapons nonproliferation issues.

Funding Partners: Open Philanthropy

Project Status: Ongoing

Point of Contact:

Amanda Kobokovich, Research Associate
akoboko1@jhu.edu

Organization Location: Baltimore, Maryland USA

For more information please visit: <https://www.centerforhealthsecurity.org/>

Johns Hopkins Center for Health Security



JOHNS HOPKINS
BLOOMBERG SCHOOL
of PUBLIC HEALTH

Center for
Health Security

Type of Organization: Academia; Private Sector; Research Institute; Think Tank

Organization Description: The Johns Hopkins Center for Health Security (JHCHS) works to protect people's health from epidemics and disasters and ensure that communities are resilient to major health challenges. JHCHS conducts research and policy analysis across the broad spectrum of health security, focusing on five core topic areas: Global Health Security, Emerging Infectious Diseases and Epidemics, Medical and Public Health Preparedness and Response, Deliberate Biological Threats, and Opportunities and Risks in the Life Sciences. JHCHS engages in a number of projects and analyses related to the BWC, including participation in BWC meetings, policy-focused tabletop exercises, bilateral and multilateral biosecurity dialogues, collaborations with the BWC Implementation Support Unit, and original research to directly support treaty implementation and strengthening efforts. JHCHS also engages in a variety of partnerships and collaborations, both domestically and internationally, to address ongoing and emerging natural, accidental, and deliberate biological threats as well as emerging biological capabilities and their associated benefits and risks, with the aim of ensuring the broadest availability and use of biology for peaceful purposes.

Project Name: BWC Assurance: Increasing Certainty in BWC Compliance

Project Types: Biological Weapons Nonproliferation; Development of resources/tools/references

Geographical Focus: Worldwide

Project description: This ongoing effort aims to support substantive dialogue on issues related to BWC compliance, verification, and treaty implementation. The concept of BWC "assurance"—defined here as the degree of certainty that BWC SPs are adhering to their treaty obligations—provides a framework for determining the purpose and scope of BWC verification and compliance assessment as well as associated mechanisms—i.e., activities, information—to increase assurance in SPs' biological activities. Importantly, assurance emphasizes SPs' goals, as opposed to specific or competing definitions of "verification." By establishing the scope and purpose of these concepts, SPs can identify and implement appropriate mechanisms that can help achieve those aims. Formal and informal assurance mechanisms can help increase transparency and trust in SPs' biological activities and support incremental progress toward certainty that SPs are meeting their BWC obligations, which facilitate the broadest use of biology for peaceful purposes.

Following the initial BWC Assurance study, completed in 2022, JHCHS will conduct a series of related studies on specific aspects of BWC verification, compliance assessment, and treaty implementation during the next Intersessional Period. These efforts aim to support SPs in identifying priority assurance-related goals and associated mechanisms, including key implementation characteristics, benefits, and limitations.

Funding Partners: Open Philanthropy

Project Status: Ongoing

Point of Contact:

Matthew Shearer, Associate Scholar
mshearer@jhu.edu

Organization Location: Baltimore, Maryland USA

For more information please visit: <https://www.centerforhealthsecurity.org/>

The Verification Research, Training and Information Centre (VERTIC)



Type of Organization: Implementer; Non-profit; Research Centre; Assistance Provider

Organization Description: VERTIC (the Verification Research, Training and Information Centre) is an independent, non-profit making charitable organisation. Established in 1986, VERTIC supports the development, implementation and verification of international agreements and related regional and national initiatives. VERTIC provides this support through research and analysis, assistance and training, dissemination of information, and interaction with the governmental, diplomatic, technical, scientific and non-governmental communities. VERTIC's work focuses on the development and application of monitoring, reporting, review, verification and compliance mechanisms, and on national implementation measures.

Project Name: Legislative Assistance for National Implementation of the BTWC

Project Types: Biological Weapons Nonproliferation; Biosafety/Biosecurity; Other Health Security; Chemical Weapons Nonproliferation; Chemical Security; Nuclear; Technical Training; Train the Trainer; Development of resources/tools/references; Legislative/Regulatory; Development of laws/regulations/guidelines; Knowledge Sharing; Outreach/awareness-raising; Needs Assessment/Planning

Geographical Focus: Worldwide

Project Description: To give effect to international instruments, states must bring their domestic law into conformity with their obligations under international law. This process may involve the amendment of existing laws and regulations, or the introduction of new law. VERTIC's National Implementation Measures (NIM) Programme provides cost-free assistance to interested states for adherence to and legislative implementation of certain international instruments, including those focusing on chemical, biological, nuclear and radiological weapons and the security of related materials. This includes universality and awareness-raising workshops, reviewing and commenting on existing draft legislation or providing assistance in the drafting of new laws during workshops in capitals. The programme conducts research and implementation assistance in relation to the Biological Weapons Convention; the Chemical Weapons Convention; the international instruments to secure nuclear and other radioactive material; and UNSCR 1540.

Funding Partners: European Union CBRN Centres of Excellence, Ministry of Foreign Affairs of Norway, the UK Foreign, Commonwealth and Development Office, United States Department of State.

Project Status: Available

Point of Contact:

Sonia Drobysz, Co-Programme Director for National Implementation
sonia.drobysz@vertic.org

Organization Location: London, United Kingdom
For more information please visit: www.vertic.org

International Federation for Biosafety Associations (IFBA)



Type of Organization: Professional Association

Organization Description: The International Federation of Biosafety Associations (IFBA) is a not-for-profit non-governmental organization of regional and national Biosafety Associations from all areas of the world. We are a global community of certified biorisk management professionals, biosafety officers, scientists, laboratory personnel, architects, engineers, academics and policy makers who have common interest in safe, secure and responsible work with biological materials.

Project Name: IFBA Equity-Focused Coordinating Committee

Project Type: Biosafety/Biosecurity; Knowledge Sharing; Outreach/Awareness-raising; Diversity, Equity, and Inclusion (DEI)

Geographical Focus: Worldwide

Project Description: The IFBA's Equity-Focused Coordinating Committee (ECC) is working towards reducing barriers to equity, diversity and inclusivity in global biosafety and biosecurity. The ECC is composed of a diverse set of professionals with demonstrated knowledge and experience in biosafety, biosecurity, and/or disciplines related to gender and intersectional equity. ECC Members steer the production of focused, quantifiable outcomes that are designed to empower, retain, and amplify the voices of marginalized members and leaders within biosafety and biosecurity communities. IFBA ECC activities include continued relevant literature and policy review, engagement with IFBA member biosafety associations, and collaboration with other relevant IFBA regional and institutional partners to foster sustainable and inclusive professional networks in biosafety and biosecurity. More information is available about this program here:

<https://internationalbiosafety.org/program-activities/ifba-equity-focused-coordinating-committee/>

Funding Partner: Global Affairs Canada

Project Status: Ongoing

Point of Contact:

Stephanie Norlock, IFBA Program Officer
s.norlock@internationalbiosafety.org

Organization Location: Ottawa, Canada

For more information please visit: www.internationalbiosafety.org

International Federation for Biosafety Associations (IFBA)



Type of Organization: Professional Association

Organization Description: The International Federation of Biosafety Associations (IFBA) is a not-for-profit non-governmental organization of regional and national Biosafety Associations from all areas of the world. We are a global community of certified biorisk management professionals, biosafety officers, scientists, laboratory personnel, architects, engineers, academics and policy makers who have common interest in safe, secure and responsible work with biological materials.

Project Name: IFBA Global Mentorship Program

Project Type: Biosafety/Biosecurity; Mentorship

Geographical Focus: Worldwide

Project Description: The IFBA Global Mentorship Program is a worldwide initiative to support and sustain the international biosafety and biosecurity community. Mentor and Mentee pairs are brought together each month to discuss regional and global issues pertaining to biosafety, biosecurity, and biological non-proliferation. Mentees receive guidance from their mentors in obtaining IFBA Professional Certifications and other career developing skills. The program features local mentorship pairings with emphasis on a South-to-South mentorship model, where emerging professionals receive guidance from mentors in their geographic area. More information is available about this program here:

<https://internationalbiosafety.org/program-activities/mentoring/ifba-global-mentorship-program/>

Funding Partner: Global Affairs Canada

Project Status: Active

Point of Contact:

Stephanie Norlock, IFBA Program Officer

s.norlock@internationalbiosafety.org

Organization Location: Ottawa, Canada

For more information please visit: www.internationalbiosafety.org

International Federation for Biosafety Associations (IFBA)



Type of Organization: Implementer, Professional Association

Organization Description: The International Federation of Biosafety Associations (IFBA) is a not-for-profit non-governmental organization of regional and national Biosafety Associations from all areas of the world. We are a global community of certified biorisk management professionals, biosafety officers, scientists, laboratory personnel, architects, engineers, academics and policy makers who have common interest in safe, secure and responsible work with biological materials.

Project Name: IFBA Professional Certification Program

Project Type: Biosafety/Biosecurity; Professional Certification

Geographical Focus: Worldwide

Project Description: Ensuring that individuals who handle biological materials have demonstrated competencies the safe and secure handling of biological materials is an essential component of the overall effort of reducing biosafety and biosecurity risks. The IFBA's certification program is the only internationally recognized program to certify the competency of individuals in biorisk management and a variety of related technical disciplines. The program is structured in compliance with the policies and procedures of ISO/IEC 17024: 2012 Conformity assessment – General Requirements for Bodies Operating Certification of Persons. Examinations are delivered worldwide in the following disciplines:

- Biorisk Management - (prerequisite to all others)
- Biological Risk Assessment;
- Biosecurity;
- Biological Waste Management;
- Biocontainment Facility Design, Operations & Maintenance; and,
- Biosafety Cabinet Selection, Installation and Safe Use

Funding Partner: US Biological Threat Reduction Program; US Biosecurity Engagement Program; Global Affairs Canada; Sandia National Laboratories; Health Security Partners

Project Status: Ongoing

Point of Contact:

Maureen Ellis, Executive Director, m.ellis@internationalbiosafety.org

Organization Location: Ottawa, Canada

For more information please visit: www.internationalbiosafety.org

Nuclear Threat Initiative (NTI)



Type of Organization: Non-government Organization

Organization Description: The Nuclear Threat Initiative is a nonprofit, nonpartisan global security organization focused on reducing nuclear and biological threats imperiling humanity.

Project Name: Global Biosecurity Dialogue

Project Type: Biosafety/Biosecurity; Conference/Workshop; Development of resources/tools/references; Legislative/Regulatory; Knowledge Sharing; Outreach/awareness-raising

Geographical Focus: Worldwide

Project Description: NTI's Global Biosecurity Dialogue brings together senior officials from ministries of foreign affairs, health, defense, agriculture and other relevant sectors to address these limitations and identify new and measurable actions to advance international biosecurity. More information about this project is available here: <https://www.nti.org/about/programs-projects/project/global-biosecurity-dialogue/>

Funding Partner: Global Affairs Canada's Weapons Threat Reduction Program; Open Philanthropy

Project Status: Active

Point of Contact:

Jacob Eckles, Senior Program Officer

Eckles@nti.org

202-454-7733

Organization Location: Washington, DC USA

For more information please visit: <https://www.nti.org/>

Nuclear Threat Initiative (NTI)



Type of Organization: Non-government Organization

Organization Description: The Nuclear Threat Initiative is a nonprofit, nonpartisan global security organization focused on reducing nuclear and biological threats imperiling humanity.

Project Name: International Biosecurity and Biosafety Initiative for Science

Project Type: Biological Weapons Nonproliferation; Biosafety/Biosecurity; Development of resources/tools/references; Legislative/Regulatory; Development of laws/regulations/guidelines; Knowledge Sharing; Outreach/awareness-raising

Geographical Focus: Worldwide

Project Description: The International Biosecurity and Biosafety Initiative for Science (IBBIS) works collaboratively with global partners to strengthen biosecurity norms and develop innovative tools to uphold them. We undertake this work to safeguard science and reduce the risk of catastrophic events that could result from deliberate abuse or accidental misuse of bioscience and biotechnology. More information on this project is available here: <https://www.nti.org/about/programs-projects/project/international-biosafety-and-biosecurity-initiative-for-science-ibbis/>

Project Status: Ongoing

Point of Contact:

Hayley Severance, Deputy Vice President, Global Biological Policy and Programs
Severance@nti.org
202-454-7759

Organization Location: Washington, DC USA

For more information please visit: <https://www.nti.org/>



Type of Organization: Think Tank

Organization Description: Pour Demain is a Swiss non-profit organization which promotes evidence-based policies on a national level regarding biosecurity and AI: with a clear positive effect for current and future generations, in Switzerland and around the globe. We develop specific and actionable policy proposals for direct impact.

Project Name: Policy Proposal for a Swiss Biosecurity and Biosafety Training Program

Project Type: Biosafety/Biosecurity; Technical Training; Development of resources/tools/references; Legislative/Regulatory; Development of laws/regulations/guidelines; Knowledge Sharing; Outbreak/awareness-raising

Geographical Focus: Worldwide; Europe

Specific Countries of Interest: Switzerland

Project Description: The project advocates among policymakers and government representatives for the launch of a Swiss training program for international professionals from research, industry and government to impart knowledge about the BWC.

The deliverables of the project are a policy proposal and, ideally, legislation of the national parliament in favour of a Swiss Capacity Building Programme. The proposal has been developed with policymakers and authorities such as the Spiez Laboratory and the ISU.

The proposal suggests that the training program would focus on candidates from countries where biological risks are particularly pronounced. As a member of the Global Partnership Against the Spread of Weapons and Materials of Mass Destruction with a high level of expertise in biological and pharmaceutical sciences, Switzerland has the potential to strengthen the implementation of the BWC with a training program.

Project Status: Active

Point of Contact:

Laurent Bächler, Policy Officer
laurent.baechler@pouredemain.ch
+0041795056707

Organization Location: Bern, Switzerland

For more information please visit: <https://en.pouredemain.ch/>

The Stimson Center

STIMSON

Type of Organization: Think Tank

Organization Description: The Stimson Center promotes international security and shared prosperity through applied research and independent analysis, global engagement, and policy innovation. For three decades, Stimson has been a leading voice on urgent global issues. Founded in the twilight years of the Cold War, the Stimson Center pioneered practical new steps toward stability and security in an uncertain world. Today, as changes in power and technology usher in a challenging new era, Stimson is at the forefront: Engaging new voices, generating innovative ideas and analysis, and building solutions to promote international security, prosperity, and justice.

Project Name: 1540 Assistance Support Initiative

Project Type: Knowledge Sharing; Development of Resources, Tools, References; CBRN Assistance

Geographical Focus: Worldwide

Project Description: States worldwide struggle to implement effectively the obligations of United Nations Security Council Resolution 1540 and other international nonproliferation treaties and commitments. As a result, States, international governmental organizations, and non-governmental organizations have offered to help States implement these obligations. However, matching requests and offers has proven to be very difficult. The ASI team has created a public, searchable database of assistance programs and projects that combat the proliferation of chemical, biological, radiological and nuclear weapons and their means of delivery. This database serves as a single source of valuable information for States interested in receiving assistance as well as for States and other stakeholders in a position to provide assistance. To visit the database, please click on the link: <https://1540assistance.stimson.org/>.

Funding Partner: Global Affairs Canada's Weapons Threat Reduction Program

Project Status: Ongoing

Point of Contact:

Ms. Christina McAllister, Fellow and Deputy Director, Partnerships in Proliferation Prevention Program
cmcallister@stimson.org
202-223-5956 x 5121

Organization Location: Washington, DC, USA and Brussels, Belgium
For more information please visit: <https://www.stimson.org/>

Biosecu.re Ltd



Type of Organization: Consultant/Independent Contractor; Implementer; Private Sector

Organization Description: Biosecu.re works with the public, private and civil society sectors to help ensure we have resilient, safe and secure environments, frameworks and processes conducive to taking full advantage of biology as a manufacturing technology.

Project Name: African workshop on designing a verification regime for the Biological Weapons Convention (BWC)

Project Type: Biological Weapons Nonproliferation; Biosafety/Biosecurity; Conference/Workshop; Development of resources/tools/references; Knowledge Sharing; Outreach/awareness-raising

Geographical Focus: Middle East/North Africa; Sub-Saharan Africa

Project Description: An African workshop on designing a verification regime for the Biological Weapons Convention (BWC).

Funding Partner: Open Philanthropy

Project Status: Ongoing

Start and End Date: 13 July 2022 – 30 June 2023

Point of Contact:

Kathryn Millett, Director

Kathryn@biosecu.re

+44 7775 975088

Organization Location: Cheltenham, UK

For more information please visit: <http://biosecu.re/>

Biosecu.re Ltd



Type of Organization: Consultant/Independent Contractor; Implementer; Private Sector

Organization Description: Biosecu.re works with the public, private and civil society sectors to help ensure we have resilient, safe and secure environments, frameworks and processes conducive to taking full advantage of biology as a manufacturing technology.

Project Name: Next Generation Biosecurity: Responding to 21st Century Biorisks

Project Type: Biological Weapons Nonproliferation; Biosafety/Biosecurity; Train the Trainer; Knowledge Sharing; Outreach/awareness-raising

Geographical Focus: Worldwide

Project Description: Today's world is facing more biological threats than ever, from mutations to antibiotic resistance to new diseases and increased access to engineered diseases. It's vital that scientific research is being carried out safely to protect those who work in the lab as well as wider communities. This free, online course you will get an introduction to these issues, exploring biosecurity, biological threats and how to counter them in your work. You will also learn about responding to and mitigating biological challenges and learn to examine issues in the lab.

Funding Partner: Counter Proliferation and Arms Control Centre (UK)

Implementing Partner: University of Bath

Project Status: Completed

Point of Contact:

Kathryn Millett, Director

Kathryn@biosecu.re

+44 7775 975088

Organization Location: Cheltenham, UK

For more information please visit: <http://biosecu.re/>

Bronic ltd.



Type of Organization: Consultant/Independent Contractor; Private Sector

Organization Description: Bronic ltd. is a cyber-biosecurity company. At Bronic our mission is to help our clients design against crime to safeguard science and society. Bronic identifies emerging crime threats and works to deliver pre-emptive interventions for the benefit of society. We believe security protects the bottom line and enables business to thrive. We work across the private, public and civil society sectors around the world to offer a wide variety of bespoke services from strengthening national strategic planning to informing the impact of developments in science and technology for diverse policy environments.

Project Name: Identification of emerging biotechnology crime threats to deliver pre-emptive interventions for the benefit of society.

Project Type: Conference/Workshop; Network development/outreach; Development of laws/regulations/guidelines; Collaborative research projects; Knowledge Sharing; Outreach/awareness-raising

Geographical Focus: Worldwide; Europe; North America

Project Description: As biotechnology continues to develop and the way that science is practiced evolves, so too does the nature of crime. This work focuses on implementing a crime science lens to identify new forms of offending that might be facilitated by synthetic biology and related biotechnology with the aim of developing informed strategies to prevent them through an active design process.

Funding Partners: The Dawes Centre for Future Crime (UCL), EPSRC, Interreg ERDF, London City Hall

Project Status: Ongoing

Point of Contact:

Dr. Mariam Elgabry, Founder and CEO

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Organization Location: London, United Kingdom

For more information please visit: www.bronic.co

SvPrevention



Type of Organization: Consultant/Independent Contractor

Organization Description: SvPrevention is a resource for the healthcare, private businesses, public health, and the biodefense community. For hospitals, we develop plans and response mechanisms to enhance your biopreparedness for biological events, whether it be Ebola, pandemic flu, or outbreaks of novel diseases. SvPrevention works to enhance capabilities through consulting on infection prevention, hospital infectious disease preparedness, and health security measures – from re-opening businesses following COVID-19 restrictions to healthcare biopreparedness. Our goal is to help hospitals, public health, the public sector, and national biodefense efforts through enhancing the healthcare sector and providing more accurate information regarding infectious diseases. SvPrevention is operated by Dr. Popescu, who is an infectious disease epidemiologist and infection preventionist with a focus on hospital biopreparedness and the role of infection prevention in health security efforts. She is an expert in healthcare biopreparedness and is nationally recognized for her work in infection prevention and enhancing hospital response to infectious diseases events.

Project Name: Infection Prevention and Biopreparedness

Project Type: Biological Weapons Nonproliferation; Biosafety/Biosecurity; Other Health Security; Conference/Workshop; Needs Assessment/Planning; Disease Surveillance; Preparedness/Response (Outbreaks)

Geographical Focus: Worldwide

Project Description: Healthcare investment in biopreparedness is often intermittent and frequently provided only in the face of an outbreak or biological event. This current outbreak should be seen as an opportunity to ensure those efforts are being supported and reinforced by leadership. Hospital leaders often note that investment in prevention and response efforts for seemingly improbable biological events is unlikely due to competing interests. Healthcare biopreparedness goes beyond just ensuring we have enough PPE, but also requires instilling the infection prevention foundation that patient and employee safety precariously rests upon. The future should see international efforts to strengthen the critical healthcare and public health infrastructure across the world, as these vulnerabilities are systemic and deserve the highest attention.

Project Status: Ongoing

Point of Contact:

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Organization Location: Phoenix, Arizona, USA

For more information please visit: <https://svprevention.com>

THINK TANK in FOCUS

Type of Organization: Consultant/Independent Contractor

Organization Description: THINK TANK in FOCUS is currently building a digital registry that identifies and calibrates BioSurveillance, Disease Surveillance, and Situational Awareness for Biosecurity policy infrastructure.

Project Name: Bio Digital Registries

Project Type: Biological Weapons Nonproliferation; Biosafety/Biosecurity; Export Control/Border Security; SOP development; Legislative/Regulatory; Development of laws/regulations/guidelines; Collaborative research projects; Knowledge Sharing; Outreach/awareness-raising; Needs Assessment/Planning; Disease Surveillance; Preparedness/Response (Outbreaks); Preparedness/Response (CBRN); Practice Preparedness

Geographical Focus: Worldwide

Specific Regions and Countries of Interest: Africa, Europe, the U.S and Taiwan

Project Description: Disease Surveillance is an early warning bio-information system. By design, disease surveillance methodologies/ frameworks done correctly provide essential confidence-building measures to bio-health systems. Comprehensively, lessons learned from the Covid- 19 pandemic era should include the re-design of Disease Surveillance frameworks for better actionable outcomes. Hence, contextual and infrastructural disease surveillance, biosurveillance, and situational awareness are key to preventing the next pandemic. Essentially, the contextualization of confidence-building measures, situational awareness, and scalability of disease surveillance and bio surveillance using Bio-Digital Registries, Apps and Machine Learning will navigate unstructured data reports for bio-policy design and formulation.

Project Status: Active

Start and End Date: October 5, 2021 – December 2023

Point of Contact:

Ms. Oluwadamilola Ogunjobi, Founder/CEO

damilola@thinktankinfocus.org

Organization Location: Lagos, Nigeria

For more information please visit: www.thinktankinfocus.org