

CATALOGUE OF CIVIL SOCIETY ASSISTANCE TO STATES PARTIES

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

DECEMBER 2023

PROJECT DESCRIPTION

We are pleased to present the 2023 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

Organization 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 Name: MS in Biodefense

Project Type: Biological Weapons Nonproliferation; Biosafety/Biosecurity; Other Health Security; Chemical Weapons Nonproliferation; Chemical Security; Nuclear; Radiological; Investigation; Export Control/Border Security; Diagnostic, Sampling, or other Field Equipment; Development of Laws/Regulations/Guidelines; Knowledge Sharing; Outreach/Awareness-Raising; Needs Assessment/Planning; 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: Long Term/Multi-Year Activity/Engagement

Point of Contact: Gregory Koblentz, Director, Biodefense Graduate Programs, 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 Center for Global Health Science and Security at Georgetown University, directed by Dr. Rebecca Katz, was formally established in September 2016. The Center's multi-disciplinary team develops evidence for action, providing decision makers with the tools they need for sustainable capacity building to prevent, detect and respond to public health emergencies. The team incorporates expertise in epidemiology, microbiology, virology, animal and human health systems, demography, economics, finance, statistics, and law.

Today, our team is moving the field forward by applying our unique policy-as-data scholarship to pandemic preparedness and response, global health security, climate/health interface, and health system strengthening.

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 and recover. 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.

Project Name(s): Strengthening biosecurity legislative frameworks in the Democratic Republic of Congo

Project Types: Development of Resources/Tools/References; Legislative/Regulatory

Geographical Focus: DRC

Project Description(s): CGHSS, in collaboration with Global Implementation Solutions (GIS) and Johns Hopkins University, has created a biosecurity legislative assessment tool and methodology, designed to identify strengths and gaps in the national regulatory and legislative landscape related to all aspects of biosecurity. The aim is to assist countries in identifying opportunities for strengthening legislation or policies relative to obligations under international biosecurity frameworks and treaties, including the BWC. We are piloting the biosecurity legislative assessment tool and methodology in the DRC, working closely with the National One Health Commission and other relevant sectors. The project is being implemented in coordination with the UNODA legislative assistance team and the Africa CDC's national biosecurity legislation initiative.

Funding Partner: US Department of State (CTR)

Implementing Partners: Global Implementation Solutions (GIS); Johns Hopkins University; National One Health Commission (DRC)

Project Status: Active Implementation

Point of Contact: Claire Standley, Associate Research Professor
claire.standley@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 Center for Global Health Science and Security at Georgetown University, directed by Dr. Rebecca Katz, was formally established in September 2016. The Center's multi-disciplinary team develops evidence for action, providing decision makers with the tools they need for sustainable capacity building to prevent, detect and respond to public health emergencies. The team incorporates expertise in epidemiology, microbiology, virology, animal and human health systems, demography, economics, finance, statistics, and law.

Today, our team is moving the field forward by applying our unique policy-as-data scholarship to pandemic preparedness and response, global health security, climate/health interface, and health system strengthening.

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 and recover. 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.

Project Name(s): Biosecurity Central (biosecuritycentral.org)

Project Types: Development of Resources/Tools/References; Legislative/Regulatory; Knowledge Sharing

Geographical Focus: Worldwide

Project Description(s): The global biosecurity community has developed a wide range of tools to meet the need for developing and sharing strategies for the field of practice. What has been lacking is a shared resource, surfacing and publicizing these tools. We have established Biosecurity Central, a publicly-available web-based library to fill that gap (biosecuritycentral.org). The site aims to widely disseminate and share knowledge to help advance biosafety and biosecurity globally. Our team convened a working group of global experts to identify, validate, curate, and publish information regarding the most useful resources in the field. The resources are organized by a shared ontology, tagged with key metadata to facilitate discovery, and published freely on the web. Implemented in collaboration with the World Organisation for Animal Health (WOAH), as of December 2023 Biosecurity Central holds about 180 biosecurity resources including policies, requirements and protocols, and training materials, with about 2,000 visitors a month from 196 countries. The library is a searchable and filterable database designed to enable ready access to biosafety and biosecurity resources from around the globe. New resources are submitted, reviewed, and added to the library regularly. We are accepting new suggested submissions for inclusion in the library, and are always excited to hear about new resources.

Funding Partner: Global Affairs Canada

Project Status: Active Implementation

Point of Contact: Ellie Graeden, Research Professor
ellie.graeden@georgetown.edu

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



Type of Organization: Academia

Organization Description: University, Biological Security Research Centre.

Project Name: Developing an International Biological Security Education Network

Project Types: Biosafety/Biosecurity; Network Development/Outreach

Geographical Focus: Worldwide

Project Description:

Scientists who are creating the revolution in biotechnology for benign purposes are often not aware of the problem of dual use and biosecurity in general and thus largely unable to engage their expertise in prevention of the misuse of their work for malign purposes. States Parties to the Biological and Toxin Weapons Convention (BTWC) have given considerable attention to the possibility of dealing with this problem through the development of relevant codes of conduct for life scientists and recently the scientific community has developed the Tianjin Biosecurity Guidelines for that purpose. However, such guidelines will not be implemented in effective codes of conduct without major improvement in the biosecurity education of life scientists. Through this new grant to London Met BSRC we hope to help build a similar educational mechanism to those developed for chemists under the Chemical Weapons Convention (CWC) and for nuclear scientists by the International Atomic Energy Agency (IAEA) to provide an applicable implementing method in BTWC biosecurity education.

Funding Partners: Joseph Rowntree Charitable Trust

Project Status: Recently Started

Point of Contact: Prof Lijun Shang, PI
l.shang@londonmet.ac.uk

Organization Location: London UK

For more information please visit:

<https://www.londonmet.ac.uk/research/centres-groups-and-units/biological-security-research-centre/>

The Verification Research, Training and Information Centre (VERTIC)



Type of Organization: Implementer

Organization Description: VERTIC (the Verification Research, Training and Information Centre) is an independent, non-profit making charitable organization. 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: National Implementation Measures Programme

Project Types: Legislative/Regulatory.

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 is conducting 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 Centers of Excellence, the UK Foreign, Commonwealth and Development Office, United States, Department of State.

Project Status: Active Implementation

Point of Contact: Thomas Brown, Legal Officer
thomas.brown@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: 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

NEXT GENERATION GLOBAL HEALTH SECURITY NETWORK, INC.



Type of Organization: Non-Profit Organization

Organization Description:

The Next Generation Global Health Security Network (NextGen) is an established and unique international network of emerging scholars, scientists and professionals in the global health security field. Guided by values such as collaboration, education, inclusion, and innovation, NextGen actively participates in health security efforts. Over the years, we have supported the Biological Weapons Convention and empowered the next generation of biosecurity leaders. We organized events like the "Youth Recommendations for the Ninth Review Conference of the BWC," endorsed the "Youth Declaration for Biosecurity," and facilitated joint youth activities in the margins of BWC official meetings. Every year we run the Next Generation for Biosecurity Competition and our Global Health Security Mentorship Program. NextGen is committed to supporting the next generation and bringing early career expert voices to the multilateral diplomacy scene to strengthen global biosecurity and reduce the risk of deliberate and accidental catastrophic biological events.

Project Name: Mentorship Program

Project Type: Biological Weapons Nonproliferation; Biosafety/Biosecurity; Other Health Security; Chemical Weapons Nonproliferation; Investigation; Technical Training; Network Development/Outreach; Collaborative Research Projects; Knowledge Sharing

Geographical Focus: Worldwide

Project Description: Early and mid-Career professionals' partner with more senior professionals to conduct research and better the field of Global Health Security. Research from these partnerships has been presented at international conferences. Several projects focused on emerging diseases, biosecurity, and biological threats.

Project Status: Recurring Activity/Engagement

Point of Contact: Mayra Ameneiros, Board of Directors
board@nextgenghs.org

Organization Location: Delaware, United States.

For more information please visit: <https://ghsanextgen.wixsite.com/home>

NEXT GENERATION GLOBAL HEALTH SECURITY NETWORK, INC.



Type of Organization: Non-Profit Organization

Organization Description:

The Next Generation Global Health Security Network (NextGen) is an established and unique international network of emerging scholars, scientists and professionals in the global health security field. Guided by values such as collaboration, education, inclusion, and innovation, NextGen actively participates in health security efforts. Over the years, we have supported the Biological Weapons Convention and empowered the next generation of biosecurity leaders. We organized events like the "Youth Recommendations for the Ninth Review Conference of the BWC," endorsed the "Youth Declaration for Biosecurity," and facilitated joint youth activities in the margins of BWC official meetings. Every year we run the Next Generation for Biosecurity Competition and our Global Health Security Mentorship Program. NextGen is committed to supporting the next generation and bringing early career expert voices to the multilateral diplomacy scene to strengthen global biosecurity and reduce the risk of deliberate and accidental catastrophic biological events.

Project Name: Youth events

Project Type: Biological Weapons Nonproliferation; Biosafety/Biosecurity; Other Health Security; Technical Training; Train the Trainer; Conference/Workshop; Network Development/Outreach; Outreach/Awareness-Raising

Geographical Focus: Worldwide

Project Description: We organize events to bridge the gap between youth and diplomacy. Last year we organized with other partners the side event called "Youth Recommendations for the Ninth Review Conference of the BWC". Over the years we organized joint youth activities in the margins of BWC official meetings. NextGen is committed to supporting the next generation and bringing early career expert voices to the multilateral diplomacy scene to strengthen global biosecurity and reduce the risk of deliberate and accidental catastrophic biological events.

Project Status: Long Term/Multi-Year Activity/Engagement

Point of Contact: Mayra Ameneiros, Board of Directors
board@nextgenhs.org

Organization Location: Delaware, United States.

For more information please visit: <https://ghsanextgen.wixsite.com/home>

NEXT GENERATION GLOBAL HEALTH SECURITY NETWORK, INC.



Type of Organization: Non-Profit Organization

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Project Name: Next Generation for Biosecurity Competition

Project Type: Biological Weapons Nonproliferation; Biosafety/Biosecurity; Other Health Security; Investigation; Development of Resources/Tools/References

Geographical Focus: Worldwide

Project Description: The Next Generation for Biosecurity Competition, fosters professional development for rising global leaders in support of Global Health Security Agenda (GHSA) biosecurity targets. Since its launch in 2017, the Next Generation for Biosecurity Competition has successfully increased awareness of deliberate and accidental biological risks within the broader global health security world and created opportunities to highlight rising biosecurity leaders. More information is available about this program here:

<https://www.nti.org/about/programs-projects/project/next-generation-for-biosecurity/#:~:text=An%20annual%20competition%20to%20bring,mitigate%20globally%20catastrophic%20biological%20risks.>

Implement Partner: NTI/Bio, iGEM Foundation, 80,000 Hours, SynBio Africa, and the Global Health Security Network (GHSN)

Project Status: Recurring Activity/Engagement

Point of Contact: Mayra Ameneiros, Board of Directors
board@nextgenghs.org

Organization Location: Delaware, United States.

For more information please visit: <https://ghsanextgen.wixsite.com/home>



Type of Organization: Non-Profit Organization

Organization Description: The Global Health Security Fund supports impact investment in health security innovation. The GHS Fund promotes SDG impact alongside economic development with a focus on the Global South.

Project Name: UNODA Youth for Biosecurity Fellowship

Project Type: Biological Weapons Nonproliferation; Biosafety/Biosecurity; Other Health Security; Conference/Workshop; Development of Resources/Tools/References; Network Development/Outreach; Preparedness/Response (CBRN)

Geographical Focus: Worldwide

Project Description:

As fast-paced innovation in biotechnologies raises global implications for biosecurity, the young scientists of today will be on the forefront of tomorrow's collective and innovative global solutions. The Youth for Biosecurity Initiative is a project which aims at informing young scientists – in particular from the Global South – about their critical role in biosafety and biosecurity and bolstering global capacities against the misuse of biological agents. The GHS Fund sponsored the 2023 Y4B Fellowship alongside the European Union. More information is available about this program here: <https://disarmament.unoda.org/biological-weapons/eu-support-to-the-bwc/youth-for-biosecurity-initiative/>

Funding Partner: European Union

Implement Partner: UNODA, BWC ISU

Project Status: Recurring Activity/Engagement

Point of Contact: Andrew Nerlinger, Executive Director, GHS Fund
andrew@ghsfund.org

Organization Location: Geneva, Switzerland
For more information please visit: <https://www.ghsfund.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 take new and measurable actions to strengthen global biosecurity and address emerging biological risks. More information about this project is available here: <https://www.nti.org/about/programs-projects/project/global-biosecurity-dialogue/>

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/>

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: Biosecurity Innovation and Risk Reduction Initiative

Geographical Focus: Worldwide

Project Description: NTI convenes the Biosecurity Innovation and Risk Reduction Initiative (BIRRI) to identify concrete actions to improve security around advances in biotechnology toward a safer and more secure pursuit of biotechnology innovation to benefit society. More information about the project is available here: <https://www.nti.org/about/programs-projects/project/fostering-biosecurity-innovation-and-risk-reduction/>

Project Status: Ongoing

Point of Contact:

Aparupa Sengupta, Senior Program Officer, Global Biological Policy and Programs
Sengupta@nti.org
202-454-7759

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: The Next Generation for Biosecurity Competition

Geographical Focus: Worldwide

Project Description: The Next Generation for Biosecurity Competition is an annual competition to bring together rising young leaders from around the world and across a range of sectors to work together to devise innovative solutions to prevent, detect, and mitigate globally catastrophic risks. More information about the project is available here: <https://www.nti.org/about/programs-projects/project/next-generation-for-biosecurity/>

Project Status: Ongoing

Point of Contact:

Gabrielle Essix, Program Officer, Global Biological Policy and Programs
Essix@nti.org
202-454-7759

Organization Location: Washington, DC USA

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

The Council on Strategic Risks



Type of Organization: Think Tank

Organization Description: The Council on Strategic Risks (CSR) is a nonprofit, non-partisan security policy institute devoted to anticipating, analyzing and addressing core systemic risks to security in the 21st century, with special examination of the ways in which these risks intersect and exacerbate one another. To further this goal, CSR currently hosts non-partisan institutes on climate and security (The Center for Climate and Security) and strategic weapons risks (The Janne E. Nolan Center on Strategic Weapons), as well as a program designed to study converging, cross-sectoral risks (The Converging Risks Lab). The CSR also hosts Council Members – practitioners and scholars pursuing individual research and policy programs that explore systemic risks to security, and the intersections between them. CSR contends that though societies are facing unprecedented risks, they also possess unprecedented foresight, and this dynamic creates a “Responsibility to Prepare and Prevent.”

Project Name: CSR General

Geographical Focus: Worldwide

Project Type: Biological Weapons Nonproliferation; Biosafety/Biosecurity; Other Health Security; Conference/Workshop; Development of Resources/Tools/References; Network Development/Outreach; Development of Laws/Regulations/Guidelines; Collaborative Research Projects; Knowledge Sharing; Outreach/Awareness-Raising; Needs Assessment/Planning; Disease Surveillance; Preparedness/Response (Outbreaks); Preparedness/Response (CBRN).

Project Description: CSR conducts a range of diverse projects and initiatives related to biodefense and the BWC, including Deterrence by Denial, Pathogen Early Warning: A Report & Path Forward, and Addressing the Threat of Disease Spillover. Projects and topics include advancing biosecurity dialogues, enhancing transparency within biodefense and non-proliferation, strengthening biosecurity/biosafety governance and policy, combating misinformation and disinformation, analyzing biodefense budgets, identifying ecological and biological security dynamics of spillover research, and strengthening pandemic preparedness. Along with its Ending Bioweapons Fellowship program, CSR is currently undertaking three additional initiatives related to the BWC and enhancing transparency and resilience: The International Military Council for Biothreat Resilience (IMBCR) is CSR's latest program that seeks to establish an international mechanism as a force multiplier to cohere various biothreat initiatives and drive forward international collaboration, as CSR has done on the climate and security agenda. The IMCBR will consist of a cross-disciplinary group of retired or former national security leaders and thinkers committed to advancing biosecurity analysis, policy recommendations, and strategic communication across three pillars (1) improving force preparedness for, and resilience to, biothreats; (2) enhancing international biological defense and preparedness transparency and accountability mechanisms; and (3) enhancing early warning and understanding to counter biothreats. The Open Source Information and Biothreat Response (OSINT-Bio) project aims to landscape current usage of open source intelligence, with special attention to biological risks (natural, accidental, and intentional), and develop a framework for application. The Bio-AI Convergence program aims to provide robust analysis and futures mapping of the risks and opportunities at the Bio-AI technologies nexus. This program seeks to take a proactive step to simultaneously consider both the risks and the benefits of this technological convergence in its infancy. This project will help identify new areas of competitive advantage for the United States and its allies, changes to national security and other health-related areas, and new ways to counter emergent threats.

Project Status: Long Term/Multi-Year Activity/Engagement

Point of Contact: Christine Parthemore, CEO, cparthemore@csr risks.org

Organization Location: Washington, D.C. USA, <https://councilonstrategicrisks.org/>

Henry L. Stimson Center



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.

Project Name: Assistance Support Initiative

Project Type: Knowledge Sharing, Network Development/Outreach, Development of Resources/Tools/References

Geographical Focus: Worldwide

Project Description: This project aims to assist countries with implementing controls on chemical, biological, and nuclear weapons, related materials, and their means of delivery as outlined in the UNSC 1540 (2004). The Assistance Support Initiative's database of nonproliferation assistance activities is a unique tool for States to find relevant assistance and meet their 1540 obligations. More information is available about this program here: <https://www.stimson.org/project/assistance-support-initiative/>

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

Project Status: Recurring Activity/Engagement

Point of Contact:

Christina McAllister, Senior Fellow & Director, Partnerships in Proliferation Prevention
cmcallister@stimson.org

Organization Location: Washington, DC, USA

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

Geneva Centre for Security Policy



Type of Organization: Foundation

Organization Description: The GCSP is an international foundation that aims to advance global cooperation, security, and peace.

Project Name: BWC Workshop on Compliance and Verification

Project Type: Conference/Workshop

Geographical Focus: Worldwide

Project Description: A Workshop designed to help disarmament diplomats to prepare for the discussions on Compliance and Verification in the December session of the Working Group on Strengthening the Convention.

Funding Partner: Government of Switzerland

Project Status: Approved

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

Point of Contact:

Simon Cleobury, Head, Arms Control and Disarmament, GCSP

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Organization Location: Geneva, Switzerland

For more information please visit: www.gcsp.ch