

## Strengthening Ukraine’s Science and Innovation System: A Workshop

### Participating Organizations

#### About the Organization

<b>Name</b>	<b>Australian Academy of Science</b>
<b>Location</b>	<b>Location of Organization</b> Australia
	<b>Location of Programming</b> Both in and outside of Ukraine
<b>Area of Work</b>	Scientific Research Support (individual researcher or research team)
	Collaborative Research Support (research at both Ukrainian and other institution)
	Network Building (e.g. connecting diaspora, mentorship, etc.)

**Non-Profit**

**Funding: Philanthropy**

#### Overview of Ukraine-related Programs

The Australian Academy of Science, in partnership with the Breakthrough Prize Foundation, implemented the Ukraine-Australia Research Fund to support Ukrainian researchers impacted by the war with Russia. This initiative provided practical assistance to enable the continuation of research and technological activities through two distinct funding opportunities:

1. Short-term visits to Australia This program facilitated short-term visits for Ukrainian researchers to Australian host institutions. These visits enabled Ukrainian scientists to engage in collaborative research projects, attend conferences, and participate in site visits. Administered by Australian host organisations, the grants covered direct costs associated with the visits, such as travel, accommodation, and living allowances for a period of four to 12 weeks. The initiative enabled ongoing research activities and fostered long-term international collaborations between Ukrainian and Australian scientific communities.

2. Access to Australian research facilities This initiative enabled Ukrainian researchers to access Australia's leading scientific infrastructure, including supercomputing facilities, advanced microscopy, and telescopes. Researchers were able to send samples for analysis at Australian facilities, with funding covering both transportation and testing costs. This support enabled Ukrainian researchers to maintain their scientific output, continue publishing, and remain actively engaged in global research networks despite the challenges posed by the war. Each beneficiary received a single grant under either of these activities. By offering direct research support and fostering international collaborations, the program strengthened the resilience of Ukraine's scientific community.

## Bridging Silos

### International Collaboration

<https://www.science.org.au/supporting-science/awards-and-opportunities/the-ukraine-australia-research-fund>

<http://www.science.org.au/supporting-science/awards-and-opportunities/the-ukraine-australia-research-fund/short-term-visits-activity-1>

<http://www.science.org.au/supporting-science/awards-and-opportunities/the-ukraine-australia-research-fund/facility-access-activity-2>

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#### About the Organization

<b>Name</b>	<b>Austrian Academy of Sciences</b>
<b>Location</b>	<b>Location of Organization</b> Austria
	<b>Location of Programming</b> Outside of Ukraine – Vienna, Austria
<b>Area of Work</b>	Scientific Research Support (individual researcher or research team)

**University/Research Performing Organization**

**Funding: Government/Organization Discretionary Funds**

#### Overview of Ukraine-related Programs

JESH is an established incoming/outgoing programme open to various countries, including Ukraine. 2022 and 2023 two calls were published to target exclusively Ukrainian researchers. In 2022 we received 207 applications, 105 researchers were granted the fellowship, among them 74 women; in 2023 the City of Vienna provided funds for an extension 34 persons applied and 18 were granted the fellowship.

#### Bridging Silos

International Collaboration

<https://www.oeaw.ac.at/en/funding/jesh-joint-excellence-in-science-and-humanities>

## Strengthening Ukraine's Science and Innovation System: A Workshop

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#### École Polytechnique Fédérale de Lausanne (EPFL): About the Program

<b>Name</b>	<b>International Centre for Mathematics in Ukraine</b>
<b>Location</b>	<b>Location of Programming</b> Ukraine
<b>Area of Work</b>	Collaborative Research Support (for research both at a Ukrainian and other institution)

**Funding: Philanthropy/Government/Crowdfunding**

**University/Research Performing Organization**

**Ongoing/cycle-based activity**

**Project Duration: More than 3 years**

#### Overview

The Centre adheres to scientific excellence and freedom of research. It aims to be at the forefront of modern mathematics.

The ICMU aims to become a catalyst for scientific life in the region, a prominent hub in Eastern Europe, where mathematicians from all over the world will exchange new discoveries and ideas, collaborate, and share their knowledge with aspiring researchers. The scientific activities of the Centre are overseen by an international Scientific Board. In selecting the directions of its work (scientific programmes), the Centre is guided by the goal to bring maximum benefit to the Ukrainian mathematical community.

The main regular activity of ICMU will be running thematic programmes which could last anywhere from one month to a full semester. A thematic programme includes a series of events such as lectures by invited guests, weekly seminars, conferences, workshops, and scientific schools to immerse young researchers in the chosen topic. The collaboration

programme envisions that small groups of researchers spend one to two weeks at the Centre to work intensively on a specific problem.

In the future, long-term visiting scholarships for postdoctoral researchers and scientists are also planned.

ICMU accepts applications from scientists for organising thematic programmes, summer/winter schools for students, and collaborations in small groups. The selection of the best applications is carried out by the Scientific Board. When reviewing the applications, the Scientific Board considers, among other things, the impact that the proposed activities will have on the development of mathematical research in Ukraine. Certain preference is given to groups of organisers that include both Ukrainian and foreign scientists.

Each thematic programme or school has its own organising committee, approved by the Scientific Board. The organisers are responsible for the scientific content of the events and the invitation of participants, while ICMU provides the necessary technical and financial support.

The Centre also engages in educational activities for school students and the general public. Our motto is "ICMU is for Everyone!"

## Bridging Silos

Science and Education

International Collaboration

Diaspora Engagement

Science and Society

<https://mathcentre.in.ua/en>

## Strengthening Ukraine’s Science and Innovation System: A Workshop

### Participating Organizations

#### About the Organization

<b>Name</b>	<b>European Commission</b>
<b>Location</b>	<b>Location of Organization</b> Belgium
	<b>Location of Programming</b> Both in and outside of Ukraine
<b>Area of Work</b>	Scientific Research Support (individual researcher or research team)
	Collaborative Research Support (for research both at a Ukrainian and other institution)
	Innovation (e.g. seed funds, science parks, pitch competition, etc.)
	Systems Improvement (e.g. institutional evaluation, proposal review, other expert consulting)
	Trainings (e.g. grant writing, research administration, English language, etc.)

**Government Organization**

**Funding: Government**

#### Overview of Ukraine-related Programs

Ukraine benefits from their association to Horizon Europe and participates on par with EU Member States, receiving roughly EUR 60 million from competitive funding grants.

In addition to this, a number of dedicated support measures have been deployed providing fellowships for displaced researchers outside Ukraine (MSCA4UA), seed funding for deep tech start-ups and business advisory services (Seeds of Bravery), remote access to

research infrastructures (EURIZON), twinning and capacity building for cities to develop climate neutrality plans (Cities mission) as well as additional support to compete for funding under Horizon and further integration into the European Research Area (Horizon Europe Office in Ukraine).

## Bridging Silos

International Collaboration

Science and Policy

Regional Disconnect

Diaspora Engagement

Science and Industry

Science and Society

<https://sareurope.eu/msca4ukraine/>

<https://seedsofbravery.eu/>

<https://eurocities.eu/projects/sun4ukraine/>

<https://horizon-europe.org.ua/en/home/>

<https://www.eurizon-project.eu/>

## Strengthening Ukraine’s Science and Innovation System: A Workshop

### Participating Organizations

#### About the Organization

<b>Name</b>	<b>German Federal Ministry of Education and Research (BMBF)</b>
<b>Location</b>	<b>Location of Organization</b> Germany
	<b>Location of Programming</b> Both in and outside of Ukraine
<b>Area of Work</b>	Scientific Research Support (individual researcher or research team)
	Collaborative Research Support (for research both at a Ukrainian and other institution)
	Funding, other (e.g. travel grant, equipment/lab repairs, etc.)

**Government**

**Funding: Government**

#### Overview of Ukraine-related Programs

The BMBF maintains close research cooperation with Ukraine and implements a number of funding measures to support Ukrainian science. One important example is the establishment of four German-Ukrainian Cores of Excellence (CoE), i.e. bilateral research structures in Ukraine. The CoEs are backed by other measures aimed at strengthening Ukrainian scientific capacities, supporting reforms and integrating Ukrainian science into the European Research Area.

The research cooperation is being carried out by the bilateral R&D projects and thematic initiatives, such as the establishment of an energy think tank in Kyiv, the "Green Deal Ukrainian."



**ETH**Eidgenössische Technische Hochschule Zürich  
Swiss Federal Institute of Technology Zurich**SIM NS**  
FOUNDATIONNATIONAL  
ACADEMIES *Sciences  
Engineering  
Medicine*

The BMBF's support for refugees from Ukraine includes the opening up of BAföG (student grants). Furthermore, the ongoing and planned DAAD programs deepen and expand German-Ukrainian higher education cooperation.

[https://www.bmbf.de/DE/Forschung/International/OestlichesEuropaUndSuedkaukasus/Ukraine/ukraine\\_node.html](https://www.bmbf.de/DE/Forschung/International/OestlichesEuropaUndSuedkaukasus/Ukraine/ukraine_node.html)

## Strengthening Ukraine’s Science and Innovation System: A Workshop

### Participating Organizations

#### About the Organization

<b>Name</b>	<b>German National Academy of Sciences Leopoldina</b>
<b>Location</b>	<b>Location of Organization</b> Germany
	<b>Location of Programming</b> Outside of Ukraine
<b>Area of Work</b>	Scientific Research Support (individual researcher or research team)

**Funding: Government**

#### Overview of Ukraine-related Programs

##### Leopoldina Ukraine Distinguished Fellowship

Personal stipend for outstanding PostDocs from Ukraine working at a German research organisation/university covering remuneration and additional costs for a period of 12+12 mts.

#### Bridging Silos

Disciplinary

Diaspora Engagement

<https://www.leopoldina.org/en/funding/leopoldina-ukraine-distinguished-fellowship/>

## Strengthening Ukraine’s Science and Innovation System: A Workshop

### Participating Organizations

#### About the Organization

<b>Name</b>	<b>Human Frontier Science Program</b>
<b>Location</b>	<b>Location of Organization</b> France
	<b>Location of Programming</b> Both in and outside of Ukraine
<b>Area of Work</b>	Scientific Research Support (individual researcher or research team)
	Collaborative Research Support (for research both at a Ukrainian and other institution)

**Non-profit**

**Funding: Government**

#### Overview of Ukraine-related Programs

In 2022, the International Human Frontier Science Program Organization (HFSP) launched the Scientists for Scientists Initiative (S4S) to help Ukrainian researchers affected by the war to continue their research in host institutions around the world. HFSP is an international organization that supports research grants and fellowships for cutting-edge basic life science research for which there are no preliminary studies or data. All HFSP programs are internationally collaborative, which provides access for researchers to participate in, and contribute to, the most advanced thinking from the world’s most brilliant minds working on the newest frontiers of the life sciences.

The S4S Initiative is firmly rooted in HFSP’s fundamental principle to foster peaceful, international collaboration. Extraordinary financial support provided by the European Commission enables HFSP to work with its global community of awardees to establish placements for Ukrainian scientists in laboratories and institutions, and thereby, demonstrate solidarity by helping them maintain continuity in their academic research.

Since 2022, HFSP supported 39 research projects that integrated Ukrainian scientists by creating placements abroad in the laboratories and institutes of active HFSP awardees. The experience and skills that the Ukrainian scientists bring will be an integral part of the ongoing research projects funded by HFSP. Host institutions that responded to the call to support Ukrainian life science colleagues include institutions in the USA, in the UK, in Canada, in Germany, in Denmark, Switzerland, Austria, Finland, Italy, the Netherlands, Czech Republic, France, Portugal, Spain, Australia and Panama.

For the first time, support was granted to a Biology Data Science Summer School, held 2 – 14 July 2024, in Uzhhorod, Ukraine. Several of the scientists supported by the S4S initiative, and additional Ukrainian scientists who are presently working in research institutions worldwide, have been teaching in this summer school. Data science and computational biology are core areas which are crucial in a majority of the frontier and interdisciplinary research projects supported by HFSP, thus the summer school will make an important contribution to the field and to allow Ukrainian scientists to participate in the development of the field.

## Bridging Silos

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International Collaboration

## Strengthening Ukraine’s Science and Innovation System: A Workshop

### Participating Organizations

#### About the Organization

<b>Name</b>	<b>Joint Research Centre – European Commission</b>
<b>Location</b>	<b>Location of Organization</b> Spain, Italy, Belgium
	<b>Location of Programming</b> Both in and outside of Ukraine
<b>Area of Work</b>	Scientific Research Support (individual researcher or research team)
	Collaborative Research Support (for research both at a Ukrainian and other institution)
	Innovation (e.g. seed funds, science parks, pitch competition, etc.)
	Network Building (e.g. connecting diaspora, mentorship, etc.)
	Systems Improvement (e.g. institutional evaluation, proposal review, other expert consulting)

**Government Organization**

**Funding: Other**

#### Overview of Ukraine-related Programs

**Smart Specialisation Strategies** - In 2017, the JRC launched a project on "Smart Specialisation and organisational development in Enlargement and H2020 associated countries", under which certain Ukrainian regions were supported in developing Smart Specialisation Strategies on a voluntary basis. The JRC provided methodological and expert support for development of Regional Smart Specialisation Strategies, through mapping the economic, innovation, scientific and technological potential in the regions, and organising a series of workshops. International experts were engaged to support these exercises in a

number of regions, with a good level of progress. Seven regions were in a very advanced level of development with important stakeholder involvement.

Since the beginning of the war of aggression, this process has been stopped, and activities have been put on hold. However, the country recently shared with the JRC its commitment and interest to re-start the S3 development and to further advance Ukraine's research and innovation efforts through S3 to support the Ukrainian economy and SME development. In summer 2024, the JRC received a request letter from the Ministry of Economy of Ukraine, informing about its commitment to re-start the S3 development in all Ukrainian regions and to further advance Ukraine's R&I efforts through S3 to support the Ukrainian economy and SME development. For this, a newly appointed National S3 Team was established under the guidance and support of the JRC. Very recently, contact was established at operational level with the management of the Ukraine National S3 Team, exchanging information about next steps and operational activities to be conducted as soon as 2025. In 2025, Ukraine expressed interest in participating in the EU Preparatory Action on Innovation for Place-Based Transformation, which aims to facilitate and promote the transformative innovation approach by awareness raising, capacity building, and experimentation activities with selected participants.

#### **Access to JRC research infrastructures for training and capacity building -**

Complementary to the Open access to JRC Research Infrastructures programme highlighted previously, the JRC opens its laboratories and facilities for training and capacity-building activities to the research community, public authorities, SMEs, as well as the wider public and private sectors in EU Member States and associated countries.

The access to JRC research infrastructures for training and capacity-building initiative, specifically related to Ukraine, is part of the European Commission's efforts to support Ukrainian researchers and institutions amidst the ongoing conflict. It aims at providing Ukrainian scientists with opportunities for training, research collaboration, and capacity building in various fields. This programme enhances Ukraine's research capabilities and strengthens the resilience of the country's scientific community.

**JRC-EUI fellowship programme** - The JRC and the European University Institute (EUI) in Florence signed in 2022 an agreement to grant five yearly fellowships to Ukrainian researchers fleeing the war to pursue a postdoctoral programme at the EUI. The continuing conflict in Ukraine and the EU stance of firm support to the country lead to the extension of the fellowship twice – in 2023 and in 2024.

This joint fellowship programme focuses on providing support and a safe academic space to Ukrainian scholars affected by the war, with a specific emphasis placed on women researchers. The fellowship is also intended to provide resources and capacity-building for Ukrainian researchers, with the long-term aim of restoring the research ecosystem after the war.

**New European Bauhaus** - The New European Bauhaus is an EU policy and funding initiative launched by the European Commission in 2021 that encourages sustainable solutions for transforming the built environment and lifestyles under the green transition. Since the start of the Russian war of aggression, the New European Bauhaus community has shown readiness to support Ukrainians; always with the approach to combine, as much as possible, emergency actions with longer-term needs in the country. The NEB actions in Ukraine started with a first tangible project in April 2022. In March 2023, the NEB also launched a capacity-building programme for Ukrainian municipalities. Over 200 participants from 67 municipal teams joined. The programme provided inspiration and guidance for reconstruction in line with NEB values and principles.

## Bridging Silos

Science and Education

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### Participating Organizations

#### About the Organization

<b>Name</b>	<b>Latvian Council of Science</b>
<b>Location</b>	<b>Location of Organization</b> Latvia
	<b>Location of Programming</b> Both in and outside of Ukraine
<b>Area of Work</b>	Collaborative Research Support (for research both at a Ukrainian and other institution)

**Government**

**Funding: Government**

#### Overview of Ukraine-related Programs

Fundamental and Applied Research projects, collaboration projects - LCS provides funds for researchers to participate in projects implemented in collaboration with Ukrainian institutions, also provided a possibility for refugees to participate in research project in Latvia.

#### Bridging Silos

International Collaboration

Disciplinary



## Strengthening Ukraine’s Science and Innovation System: A Workshop

### Participating Organizations

#### About the Organization

<b>Name</b>	<b>National Science Centre, Poland</b>
<b>Location</b>	<b>Location of Organization</b> Poland
	<b>Location of Programming</b> Outside of Ukraine
<b>Area of Work</b>	Scientific Research Support (individual researcher or research team)
	Collaborative Research Support (for research both at a Ukrainian and other institution)

**Government Organization**

**Funding: Government**

#### Overview of Ukraine-related Programs

**Employment opportunities for Ukrainian researchers in ongoing NCN grants.** The authorities of the National Science Center made a decision on March 18, 2022 to allow the employment of Ukrainian scientists in national and international research projects already underway at that time. Under this regulation, 61 researchers from Ukraine has been employed in grants implemented with the NCN funds. The total value of salaries paid to Ukrainian scientists is 795 000 EUR.

#### **NCN funding scheme for researchers from Ukraine**

On March 28, 2022 NCN launched a call for applications in a special program for researchers from Ukraine with submission deadline on 26 April 2022. The aim was to ensure that those fleeing the war could continue their scientific work in Polish entities. The procedure for submitting and evaluating applications in the call was made as simple and fast as possible, and the formalities for applying for the funds were reduced to a minimum.

A total of 213 applications were sent in response to the competition announcements - 103 from the humanities, social sciences and arts, 72 from science and technology, and 38 from life sciences. In 2022, a PLN 7.2 (c.a. 1 734 939,76 EUR) million grant from the state budget was provided for this program, and 51 people were supported, and employed in 38 Polish scientific entities.

### **NCN scholarship programme for Ukrainian students and young researchers**

NCN, in its role as an operator in the Basic Research program under the 3rd edition of the Norwegian and EEA Grants, decided in May 2022 (with the approval of the Joint Committee on Bilateral Fund, JCBF) to allocate a hitherto unspent amount from the Bilateral Cooperation Fund to a scholarship program supporting Ukrainian students and researchers without doctoral degrees. Under this call: 101 proposals were submitted, 40 scholarships awarded and 36 carried out for a total amount of 441,441.86 EUR

### **IMPRESS-U programme**

The goals of the International Multilateral Partnerships for Resilient Education and Science System in Ukraine (IMPRESS-U) are to support excellence in science and engineering research, education and innovation through international collaboration and promote and catalyse integration of Ukrainian researchers in the global research community. The IMPRESS-U call for proposals is organised jointly by research funding organisations from six countries: Poland, Lithuania, Latvia, Estonia, Ukraine and the United States of America. Under the IMPRESS-U call the American National Science Foundation (NSF) acts as the lead agency, responsible for the merit evaluation of proposals. The NCN Council has set aside 17 million PLN (c.a. 4 096 385) for funding the Polish teams. 9 applications worth PLN 9,606,270 (2 314 764 EUR) were selected for funding.

### **POLONEZ BIS**

After February 2022, in the open calls under the MSCA POLONEZ BIS - Postdoctoral Fellowships in Poland, the National Science Centre introduced special measures for applicants who were at risk due to Russia's military aggression against Ukraine. These measures included simplified eligibility checks and mobility criteria, as well as a partial waiver of restrictions on prior employment at the host institution in Poland. Applicants who, while fleeing the war, did not have the required documents proving their research experience could instead submit letters of recommendation from other researchers. As a result, 12 successful applications were submitted by Ukrainian citizens (out of a total of 132).

However, prior to their projects in Poland, only 6 of these applicants were affiliated with Ukrainian research institutions. Following approval by the European Commission, we simplified the requirements in the Polonez BIS competition for Ukrainian researchers who had to leave the country after February 24, 2022. These included easing the formal requirements and mobility criteria, as well as partially lifting the ban on prior employment in the host unit in Poland. In the three editions of POLONEZ BIS, we have funded 12 researchers from Ukraine for a total of €2,745,922.8 (PLN 12,135,976), of which €717,880 (PLN 3,155,708), is EU funding, and €2,028,042.8 (PLN 8,980,268) is a grant from the Ministry of Science and Higher Education.

## **LUKE**

National Science Centre has joined the LUKE (Linking Ukraine to the European Research Area) programme. It is a collaborative initiative led by the German Aerospace Center (DLR) and supported by several EU member states and Horizon Europe-associated countries. Its primary goal is to establish a multilateral funding and capacity-building platform focused on enhancing Ukraine's research and innovation (R&I) landscape. The programme aims to implement joint funding calls for transnational R&I projects involving Ukrainian participants and to boost Ukraine's R&I capabilities, facilitating its integration into the European Research Area (ERA).

## **Bridging Silos**

**International Collaboration**

<https://ncn.gov.pl/en/for-ukraine>

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### Participating Organizations

#### Polish Academy of Sciences: About the Program

<b>Name</b>	<b>Long Term Program in Support of Ukraine</b>
<b>Location</b>	<b>Location of Programming</b> Both in and outside of Ukraine
<b>Area of Work</b>	Scientific Research Support (individual researcher or research team) Collaborative Research Support (for research both at a Ukrainian and other institution) Trainings (e.g. grant writing, research administration, English language, etc.)

**Funding: Philanthropy/Government/Organization Discretionary Funds**

**University/Research Performing Organization**

**One-time**

**Project Duration: Up to 3 years**

#### Overview

Partners for this project include the U.S. National Academy of Sciences (NAS), the Royal Society in London, Elsevier, the German National Academy of Sciences Leopoldina, National Cheng Kung University in Taiwan, and the Royal Swedish Academy of Letters, History and Antiquities. The program provides funding for two- or three-year research projects pursued by teams of up to five scientists, the members of which (except for the Project Leaders) may remain in Ukraine. All members of the Ukrainian research teams maintain dual affiliations. The funding for the project encompasses:

- salaries for the research team members,
- additional accommodation costs for those relocating to Poland for the duration of the

project,

– possible expenses related to participation in conferences, access to specialized research equipment, or the purchase of necessary small research tools.

A total of 174 Ukrainian research teams applied to the program. After a two-stage substantive evaluation coordinated by the U.S. NAS, 18 two- or three-year research projects were selected for implementation. The program's budget amounts to 8,391,638 USD.

## Bridging Silos

Science and Education

International Collaboration

Diaspora Engagement

[https://pan.pl/app/uploads/2025/02/BWZ\\_Ukraina\\_EN.pdf](https://pan.pl/app/uploads/2025/02/BWZ_Ukraina_EN.pdf)

## Strengthening Ukraine’s Science and Innovation System: A Workshop

### Participating Organizations

#### About the Organization

<b>Name</b>	<b>Research Council of Lithuania</b>
<b>Location</b>	<b>Location of Organization</b> Lithuania
	<b>Location of Programming</b> Outside of Ukraine – Vilnius, Lithuania
<b>Area of Work</b>	Scientific Research Support (individual researcher or research team)

**Government Organization**

**Funding: Government**

#### Overview of Ukraine-related Programs

- Bilateral Scientific projects
- Support for employment of researchers from Ukraine

#### Bridging Silos

Science and Policy

<https://imt.lrv.lt/news/third-anniversary-of-the-war-in-ukraine-rcl-continues-to-contribute-to-the-preservation-of-ukrainian-science/>

## Strengthening Ukraine’s Science and Innovation System: A Workshop

### Participating Organizations

#### SAFECAST: About the Program

<b>Name</b>	<b>Safecast/Blues/SaveDnipro Joint Radiation Monitoring Project</b>
<b>Location</b>	<b>Location of Programming</b> Ukraine
<b>Area of Work</b>	Network Building (e.g. connecting diaspora, mentorship, etc.)

**Non-Profit**

**Funding: Philanthropy**

**Ongoing/cycle-based activity**

**Project Duration: Up to 3 years**

#### Overview

The Safecast/Blues/SaveDnipro Joint Radiation Monitoring Project has been establishing a robust, resilient, independent, and publicly available source of nationwide realtime radiation monitoring information for Ukraine. This is necessitated by the violent and illegal Russian occupation of the Chornobyl and Zaporizhzhia NPPs and the ongoing threat of a serious nuclear incident. Following our successful mobile radiation monitoring program initiated in Ukraine in April 2022, we began development of the RADNOTE solar-powered, cellular wireless realtime radiation sensor, and deployed test units in Ukraine in early 2023. 100 RADNOTES were manufactured to be to be used in Ukraine, and the first units were deployed there in May, 2024. To date, 40 units have been installed in key locations around Ukraine, the data being openly available online, with full deployment of 100 units expected by the end of 2025. RADNOTE is made by Blues Inc., initiated by CEO Ray Ozzie as a CSR project in collaboration with Safecast. It builds on over 10 years of Safecast experience developing and deploying solar-powered wireless sensors in Fukushima and elsewhere. Our key Ukrainian partner is SaveDnipro, whose SaveEcoBot online radiation sensor map is internationally regarded as the most reliable source of radiation information for Ukraine. Our project has gained important support from local and regional governments in Ukraine, as

well as relevant Ukrainian government agencies, and agencies overseas, such as BfS (Germany), NNSA (US), SURO (Czech), and SCK-CEN (Belgium). The RADNOTE system overcomes key vulnerabilities of official monitoring systems, and is already acknowledged as an important backup system for the official radiation sensor network.

The RADNOTE project includes important public education and training aspects, and is intended as a demonstration of the power of volunteer-based citizen science projects to rapidly achieve technically demanding objectives at scale, by leveraging open source and open data. We firmly believe that bolstering citizen science in Ukraine is an important way to successfully tap the tremendous knowledge and skill present in society to help meet the difficult challenges the nation faces now during wartime and during rebuilding. The project's main challenges at this point are financial and logistical. BLUES has funded the development and manufacturing of the RADNOTE devices, but it has been difficult to acquire adequate funding for program support. In addition, many logistical obstacles have arisen that have made it difficult to get the units into Ukraine smoothly and at reasonable cost. We welcome the assistance and advice of workshop participants.

## Bridging Silos

Science and Education

Intergenerational

Science and Society

<https://safecast.org/our-independent-realtime-radiation-monitoring-network-in-ukraine-is-now-up-and-running/#>



## Strengthening Ukraine’s Science and Innovation System: A Workshop

### Participating Organizations

#### About the Organization

<b>Name</b>	<b>Simons Foundation</b>
<b>Location</b>	<b>Location of Organization</b> United States
	<b>Location of Programming</b> Both in and outside of Ukraine
<b>Area of Work</b>	Scientific Research Support (individual researcher or research team)
	Collaborative Research Support (research at both Ukrainian and other institution)
	Innovation (e.g. seed funds, science parks, pitch competition, etc.)
	Network Building (e.g. connecting diaspora, mentorship, etc.)
	Systems Improvement (e.g. institutional evaluation, proposal review, other expert consulting)

**Non-Profit**

**Funding: Philanthropy**

#### Bridging Silos

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Science and Society

## Strengthening Ukraine's Science and Innovation System: A Workshop

### Participating Organizations

#### Simons Foundation: About the Program

<b>Name</b>	<b>Simons Foundation Presidential Discretionary Ukraine Support Grants</b>
<b>Location</b>	<b>Location of Programming</b> Ukraine - Kyiv, Dnipro, Kharkiv, Chernivtsi & Lviv
<b>Area of Work</b>	Scientific Research Support (individual researcher or research team)

Ongoing/cycle-based activity

Project Duration: More than 3 years

#### Overview

This program supports advanced research for select distinguished Ukrainian scientists in Ukraine.

#### Bridging Silos

Disciplinary

<https://www.simonsfoundation.org/2023/01/25/simons-foundation-providing-support-to-researchers-in-ukraine/>

## Strengthening Ukraine’s Science and Innovation System: A Workshop

### Participating Organizations

#### Simons Foundation: About the Program

<b>Name</b>	<b>Establishment of Departments of Mathematics and Theoretical Physics at Kyiv School of Economics</b>
<b>Location</b>	<b>Location of Programming</b> Outside of Ukraine – New York, USA
<b>Area of Work</b>	Scientific Research Support (individual researcher or research team)

**Ongoing/cycle-based activity**

**Project Duration: More than 3 years**

#### Overview

Support for the Kyiv School of Economics to create a new math department.

#### Bridging Silos

Science and Education

## Strengthening Ukraine's Science and Innovation System: A Workshop

### Participating Organizations

#### Simons Foundation: About the Program

<b>Name</b>	<b>NSF-Baltics-NAS Grant Program for Ukraine; Summer Institute on Data Science and Science and Societal Advancement in Ukraine; Scholars at Risk Program Ukraine Gift; Building Research Capacity in Ukraine through Collaborative Research</b>
<b>Location</b>	<b>Location of Programming</b> Both in and outside of Ukraine
<b>Area of Work</b>	Scientific Research Support (individual researcher or research team) Collaborative Research Support (research at both Ukrainian and other institution)

Ongoing/cycle-based activity

Project Duration: More than 3 years

#### Overview

Simons Foundation's collaboration with the National Academies, National Science Foundation and other US universities to support research collaborations between scientists in Ukraine, Europe, and the U.S.

#### Bridging Silos

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### Participating Organizations

#### Simons Foundation: About the Program

<b>Name</b>	<b>Summer School for Gifted Ukrainian STEM High School Students</b>
<b>Location</b>	<b>Location of Programming</b> Outside of Ukraine – New York, USA
<b>Area of Work</b>	Training/Exchange

Ongoing/cycle-based activity

Project Duration: Up to 2 years

#### Overview

Simons Foundation's support for the CUNY Research Experience Summer School for Gifted Ukrainian STEM HS students

#### Bridging Silos

Science and Education

<https://www.cuny.cuny.edu/news/interlude-war-time-learning-brings-gifted-ukrainian-hs-students-ccny?srsId=AfmBOooWPRaOVpn1kDpGV6Q3wfszc8Xpue1fD50jp0s1vDPll-g3OcsU>

## Strengthening Ukraine’s Science and Innovation System: A Workshop

### Participating Organizations

#### Simons Foundation: About the Program

<b>Name</b>	<b>Ukraine Science and Innovation Fund</b>
<b>Location</b>	<b>Location of Programming</b> Ukraine
<b>Area of Work</b>	<p>Scientific Research Support (individual researcher or research team)</p> <p>Collaborative Research Support (research at both Ukrainian and other institution)</p> <p>Network Building (e.g. connecting diaspora, mentorship, etc.)</p> <p>Systems Improvement (e.g. institutional evaluation, proposal review, other expert consulting)</p> <p>Innovation (e.g. seed funds, science parks, pitch competition, etc.)</p>

**Planned (Future Activity)**

**Project Duration: Up to 3 years**

#### Overview

Simons Foundation international initiative to create an endowment for the binational science foundation and for international cooperation with Ukraine

#### Bridging Silos

Science and Education

Intergenerational

Diaspora Engagement

International Collaboration

Science and Society

## Strengthening Ukraine's Science and Innovation System: A Workshop

### Participating Organizations

#### Simons Foundation: About the Program

<b>Name</b>	<b>Lviv Fellows Society</b>
<b>Location</b>	<b>Location of Programming</b> Ukraine - Lviv
<b>Area of Work</b>	Scientific Research Support (individual researcher or research team)

**Ongoing/cycle-based activity**

**Project Duration: More than 3 years**

#### Overview

This program supports the scientific exchange between distinguished members of the research community.

#### Bridging Silos

**Science and Society**

## Strengthening Ukraine’s Science and Innovation System: A Workshop

### Participating Organizations

#### Simons Foundation: About the Program

<b>Name</b>	<b>Support to accommodate scientists who fled Ukraine because of the war or fled Russia because of their opposition to the war</b>
<b>Location</b>	<b>Location of Programming</b> Outside of Ukraine - Sofia, Bulgaria - Rehovot, Israel - Trieste, Italy - Bures-sur-Yvette, France - Minneapolis, United States
<b>Area of Work</b>	Scientific Research Support (individual researcher or research team)  Collaborative Research Support (research at both Ukrainian and other institution)  Network Building

**Ongoing/cycle-based activity**

**Project Duration: More than 3 years**

#### Overview

Support to accommodate scientists who fled Ukraine because of the war or fled Russia because of their opposition to the war.

#### Bridging Silos

Science and Education

International Collaboration



## Strengthening Ukraine’s Science and Innovation System: A Workshop

### Participating Organizations

#### About the Organization

<b>Name</b>	<b>Swiss Network with Ukraine</b>
<b>Location</b>	<b>Location of Organization</b> Switzerland and Ukraine
	<b>Location of Programming</b> Both in and outside of Ukraine
<b>Area of Work</b>	Network Building (e.g. connecting diaspora, mentorship, etc.)

**Non-Profit**

**Funding: Government/Private Sector**

#### Overview of Ukraine-related Programs

The Swiss Network with Ukraine works with 11 clusters, among which: housing, mapping Ukraine platform, urban repair and revitalization research and support, education, medical facilities, buildings repair, academic exchange, infrastructure.

#### Bridging Silos

Science and Industry

<https://swissnetworkwithukraine.org/>

## Strengthening Ukraine’s Science and Innovation System: A Workshop

### Participating Organizations

#### About the Organization

<b>Name</b>	<b>University of Pittsburgh</b>
<b>Location</b>	<b>Location of Organization</b> United States
	<b>Location of Programming</b> Both in and outside of Ukraine
<b>Area of Work</b>	Scientific Research Support (individual researcher or research team)
	Collaborative Research Support (for research both at a Ukrainian and other institution)
	Network Building (e.g. connecting diaspora, mentorship, etc.)
	Trainings (e.g. grant writing, research administration, English language, etc.)

**University**

**Funding: Organization Discretionary Funds**

#### Overview of Ukraine-related Programs

**Graduate School:** has provided fellowships from Open Society University Network for 3 Ukrainian graduate students at Pitt, additionally raising more than \$100,000 to support Ukrainian faculty who are displaced and unable to leave Ukraine.

**Faculty within Physics and Astronomy** has provided surplus research equipment to Ukrainian academics. Department is also involved in an NSF-NASEM project under IMPRESS-U (which has a focus on collaboration, research education around Ukraine’s emerging Kharkiv Quantum Center).

**Department of Slavic Languages** is producing the first English-language version of a major volume on Ukrainian cinema. Translation partners are MA students at Kyiv's Shevchenko National University.

**Graduate School on Public Affairs (Center for governance and marketing)** is collaborating with Kyiv School of Economics on a major research and policy initiative, creating a joint hub for global recovery and reconstruction.

**School of Health Sciences (Psychiatry)** faculty are on the Global Initiative in Psychiatry Board (USA), raising money and coordinating efforts to support mental health in Ukraine. They are also providing online training for Ukrainian family physicians.

**Law school:** raised roughly \$250,000 from the local and corporate communities, providing tuition and living funds to matriculate 9 Ukrainian Rule of Law Scholars into the Law masters degree program

**BridgeUSA Ukrainian Academic Fellows Program (UAFP)** is collaborating with Pitt's Schools of Health Sciences and Swanson School of Engineering to foster long-term collaboration, joint research, pedagogy, course development, and publication.

**Faculty within History, English, and Film** are involved in the Flying University of Ukrainian Students (FUUS) program, offering intensive, online courses in the humanities taught in English for Ukrainian students (pre-MA degree)

**Law professor** has a visiting professorship at Kyiv School of Economics, lecturing on international law and human rights, with both remote and in-person access for Kyiv and Pitt students.

**ETH**

Eidgenössische Technische Hochschule Zürich  
Swiss Federal Institute of Technology Zurich

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Medicine*

## Bridging Silos

Science and Education

Diaspora Engagement

International Collaboration