



**Empowering researchers to
increase their impact with the
Bill & Melinda Gates foundation**

F1000

Converting research into solutions

The **Bill & Melinda Gates foundation** works with thousands of researchers and institutions globally. Through these collaborations, the foundation enables research with real-world impact, driving change and improving the quality of life for billions of people.

The Bill & Melinda Gates foundation allocates grant funding to subject areas reflecting critical real-world problems. These areas include:



Global health



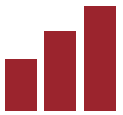
Climate change



Education



Nutrition and agriculture



Sustainable development

“To solve the challenges of the 21st century, we must accelerate open access to high-quality research on health, education, and economic development. Gates Open Research is designed to ensure that the research we fund can be of immediate benefit to society.”

Trevor Mundel

President of Global Health at the Bill & Melinda Gates foundation

Back in 2017, the foundation recognized that the world’s greatest challenges required a different approach to convert research into solutions, quickly.

To achieve true real-world impact, the foundation needed to enable their grantees to disseminate their research openly with minimal delay, and without barriers or restrictions.

Gates Open Research

The Bill & Melinda Gates foundation chose to partner with F1000 to forge a path towards more equitable knowledge sharing. [Gates Open Research](#) was created to bring research to the right people, at the right time, to make a real difference in the world.

Rapid publication

Gates Open Research authors benefit from rapid online dissemination of their research. All full articles undergo open, invited peer review, which takes place [after publication](#).

Rapid publication is vital for researchers looking to make a real impact on some of the greatest challenges faced by society. The COVID-19 pandemic, for instance, is just one example of how easy and immediate access to essential research has helped informed responses from the research community in real time.

Open access

Through their [open access policy](#), the Bill & Melinda Gates foundation requires researchers to publish their research and data openly. Gates Open Research has enabled the foundation to champion open access principles, by providing grantees with a place to put openness into practice.

The F1000 publishing model that powers Gates Open Research aligns with the principles of [Plan S](#) and other open mandates and memos, including the [NIH Data Management and Sharing Policy](#) and the [OSTP Memorandum](#). What's more, all research outputs published on the Platform (and their underlying datasets) are openly accessible and reusable.

Diverse article types

The Platform further drives research impact through the variety of [different article types](#) on offer. Beyond [traditional Research Articles](#), researchers funded by the Bill & Melinda Gates foundation can showcase the full breadth of their research project through a range of article types (see right).

By publishing a wider range of outputs, Gates-funded researchers are increasing their academic footprint, generating greater awareness of their work.

Curating research into themes

Gates Open Research is revolutionizing the way research is curated to enable greater collaboration and make research more discoverable. The Platform offers dedicated content hubs, known as [Gateways](#) and [Collections](#), which are led by expert advisors in each field.

Gateways are personalized portals hosting research from the foundation divisions, program teams, foundation-funded institutes, or projects, while Collections compile content around a specific theme.

Platform article types



[Research Articles](#)



[Open Letters](#)



[Study Protocols](#)



[Method Articles](#)



[Systematic Reviews](#)



[Software Tool Articles](#)



[Research Notes](#)



[Data Notes](#)



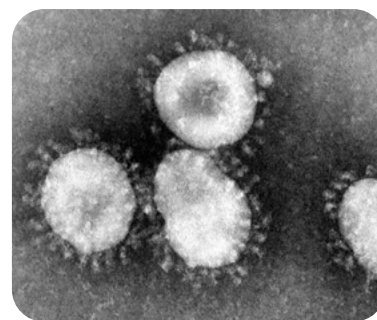
[Book Chapters](#)



[Editorials](#)

Coronavirus (COVID-19) Collection

The Coronavirus Collection was created in response to the worldwide outbreak of the virus. This Collection allows researchers to publish a wide range of outputs, enabling further research at speed, and supporting evidence-based public health responses in real time.



High profile and impactful COVID-19 papers include:

Title	Article type	Impact*
<u>The impact of the COVID-19 crisis on meeting needs for family planning: a global scenario by contraceptive methods used</u>	Research Note by Dasgupta et al.	More than 4,800 views and 736 downloads .
<u>Younger ages at risk of Covid-19 mortality in communities of color</u>	Data Note by Klugman et al.	Cited by the World Health Organization (WHO) in their <u>guidance document</u> .
<u>COVID-19 vaccine delivery: an opportunity to set up systems for the future</u>	Open Letter by Weintraub et al.	More than 3,100 views and featured in <u>international media outlets</u> .

*as of November 2022



World Mosquito Program Gateway

Gates Open Research has partnered with the [World Mosquito Program](#) to curate content from their research on mosquito-borne diseases, including dengue, Zika, yellow fever, and chikungunya. The Gateway hosts a number of articles which explore how the Program has used naturally occurring bacteria Wolbachia to reduce the ability of mosquitoes to transmit viruses that cause life-threatening disease.

Insightful papers on mosquito-borne diseases include:

Title	Article type	Impact*
<u>Scaled deployment of Wolbachia to protect the community from dengue and other Aedes transmitted arboviruses</u>	Research Article by O'Neill et al.	More than 10,600 views , 205 citations and cited by the WHO in 4 <u>policy documents</u> .
<u>Establishment of wMel Wolbachia in Aedes aegypti mosquitoes and reduction of local dengue transmission in Cairns and surrounding locations in northern Queensland, Australia</u>	Research Article by O'Neill et al.	More than 4,600 views , 136 citations , and featured in international media outlets, including the <u>New York Times</u> .
<u>Reduced dengue incidence following deployments of Wolbachia-infected Aedes aegypti in Yogyakarta, Indonesia: a quasi-experimental trial using controlled interrupted time series analysis</u>	Research Article by Anders et al.	More than 3,700 views , 700 downloads , 69 citations , and cited by the WHO in <u>policy document</u> .

*as of November 2022

International Conference on Family Planning (ICFP) Gateway



Gates Open Research is also home to the [ICFP Gateway](#), which brings together research from the world's largest scientific conference on family planning. The Gateway invites oral and poster ICFP presenters to submit their complete papers for publication. This ensures research shared at the conference can go on to reach researchers in a variety of disciplines worldwide.

Papers on family planning, disseminating knowledge, and identifying key steps towards improving access to quality family planning worldwide, include:

Title	Article type	Impact*
Family Planning in Zambia: An Investment Pillar for Economic Development	Open Letter by Mbizvo et al.	More than 4,500 views and 260 downloads .
Knowledge and factors influencing long-acting reversible contraceptives use among women of reproductive age in Nigeria	Research Article by Bolarinwa et al.	More than 3,100 views , 440 downloads and 18 citations .
Evaluation of a pilot program for task sharing short and long-acting contraceptive methods in Burkina Faso	Research Article by Anders et al.	More than 3,700 views , 700 downloads , 69 citations , and cited by the WHO in policy document

*as of November 2022

Greater impact for Gates-funded researchers

Nearing 6 years since its launch, Gates Open Research hosts work from over **2,733 researchers** representing **714 institutions**, including **1/3 of R1 universities in the US**. **19% of these authors** have published more than once on the Platform.

2,733



Number of **authors**

19%



Repeat authors

714



Institutions

78



Number of **countries represented**

"Gates Open Research provides researchers with flexibility that does not exist elsewhere," says Ashley Farley, Program Officer of Knowledge and Research Services at the Bill & Melinda Gates foundation. "The wider research community can provide quick, transparent feedback, and authors have the option to publish revised versions of their article."

As of **November 2022**, research outputs published on Gates Open Research have received a total of:

310,359
article views

2,654
citations

34,002
downloads

"All elements of a research project can be published and citable, which leads to higher impact for research projects and the ability to provide full credit to all involved," concludes Farley.

As open research goals and mandates continue to gain prominence, innovative publishing venues like Gates Open Research are leading the way in supporting researchers to achieve real-world impact with their work.

F1000 offers solutions for institutions looking to put their open research principles into practice and provide their faculty with a straightforward path to open publishing.

Number of articles published

387

Research outputs

61%
Research Articles

14%
Open Letters

12%
Study Protocols

4%
Method Articles

9%
Other article types



Please contact our [partnerships team](#) to find out how your institution can achieve its open research goals by partnering with F1000.