

# PROVIDING SUPPORT AND SOLUTIONS FOR OPEN SCIENCE TO ACHIEVE IMPACT

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Toward an Open Science Enterprise  
The National Academies of Sciences, Engineering, and Medicine  
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WE ARE IMPATIENT  
OPTIMISTS WORKING  
**TO REDUCE  
INEQUITY**  
AROUND THE WORLD



FOCUSING ON  
THE AREAS OF  
**GREATEST  
NEED**





# TAKING RISKS

THAT OTHERS  
CAN'T OR WON'T



MAKING MARKETS  
**WORK FOR  
THE POOR**



# WHAT WE FOCUS ON

What are  
the areas  
of greatest  
need?



Where can  
we have  
the greatest  
impact?

# THE SCOPE OF OUR WORK

We work with partner organizations around the world to reduce inequity

Program  
Strategies

29



Value of Grants

\$3.9B



Countries

121



Employees

1,420



Grantees

1,109



No. of Grants

1,669



U.S. States

31



Alumni

1,100



For the Year ended December 31, 2015. Amounts in thousands of U.S. dollars. Value of Grants total represents grants only.

# WHERE WE WORK

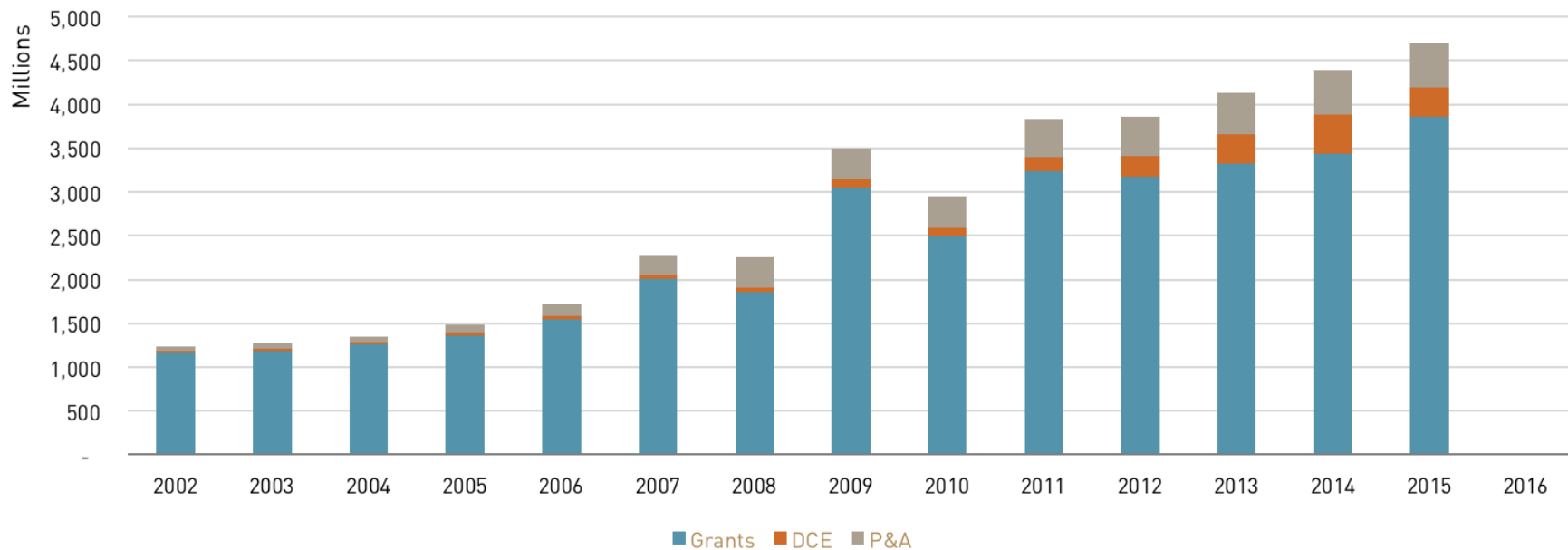
From our headquarters in Seattle to our teams based in regional offices across four continents, we work with partners around the globe to improve people's lives.



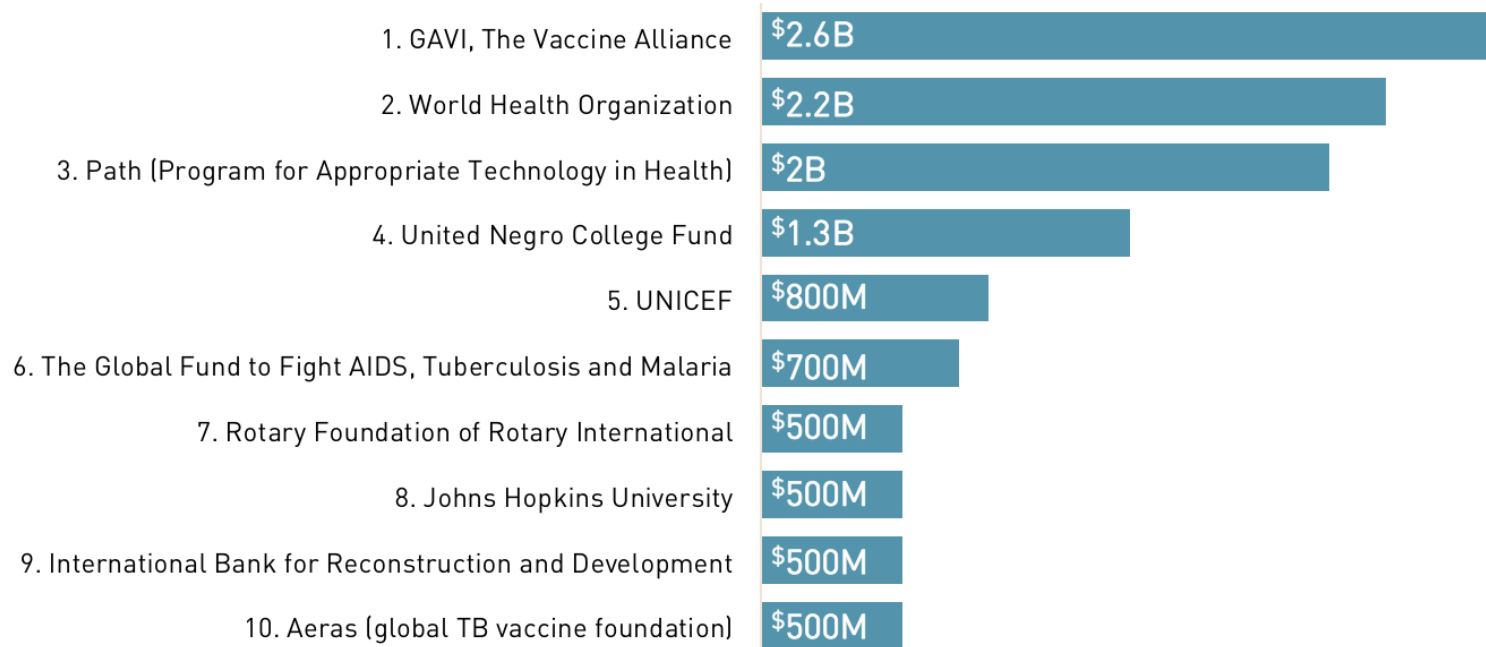


# OUR CONTRIBUTIONS

The foundation has donated \$36.7 billion to nonprofits since 2000



# TOP 10 GRANT RECIPIENTS BY DOLLAR AMOUNT



For the Year ended December 31, 2014. Value of Grants total represents grants paid.

# WHAT WE DO

The foundation has four missions that help us achieve our vision of a world where every person has the opportunity to live a healthy, productive life:



**Ensure more children and young people survive and thrive**



**Empower the poorest,** especially women and girls, to transform their lives



**Combat infectious diseases** that particularly affect the poorest



**Inspire people to take action** to change the world

# ■ WHY OPENNESS MATTERS







**OPENLY SHARING  
RESEARCH  
ACCELERATES OUR  
IMPACT**

## OPEN ACCESS POLICY

As of January 1, 2017, the foundation's Open Access Policy is fully operational, with **no exceptions to the policy.**



Chronos, a web based service that enables the foundation to track the impact of research, launched July 2016.

# OPEN ACCESS POLICY\* – FOUR REQUIREMENTS & A COMMITMENT

## ELEMENT 1

DISCOVERABLE  
AND  
ACCESSIBLE  
ONLINE

- Publications will be deposited in a specified repository(s) with proper tagging of metadata.

## ELEMENT 2

OPEN ACCESS  
TERMS

- All publications shall be published under the Creative Commons Attribution 4.0 Generic License (CC BY 4.0) or an equivalent license.

## ELEMENT 3

NO EMBARGO

- All publications shall be available immediately upon their publication, without any embargo period

## ELEMENT 4

UNDERLYING  
DATA

- The foundation will require that data underlying the published research results be immediately accessible and open.

## ELEMENT 5

REASONABLE  
FEES

- The foundation will pay the reasonable fees in order to publish on the terms our Open Access Policy.

*Implemented in 2015, the foundation granted a two year transition period for policy compliancy. As of January 1, 2017, all publications are required to publish on the foundation's open access terms.*

# MAKING THE POLICY COME ALIVE

## Immediate Changes

- As of January 1, 2015, a non-negotiable open access clause was added to all grant agreements.
- Creation of a centralized budget to pay open access fees

## Manual Processing

- Grantees who want to publish on the foundation's open access terms email [openaccess@gatesfoundation.org](mailto:openaccess@gatesfoundation.org) for processing and payment.





# MAKING THE POLICY COME ALIVE – LESSONS LEARNED

## The Good

- Financial incentives were received with great enthusiasm by our grantees.
- Embedding the non-negotiable OA requirement into every agreement meant OA was part of the business process
- No exceptions are granted to the policy
- Executive Sponsorship was vital to success (and they rocked it.)



# MAKING THE POLICY COME ALIVE – LESSONS LEARNED

## The Grind

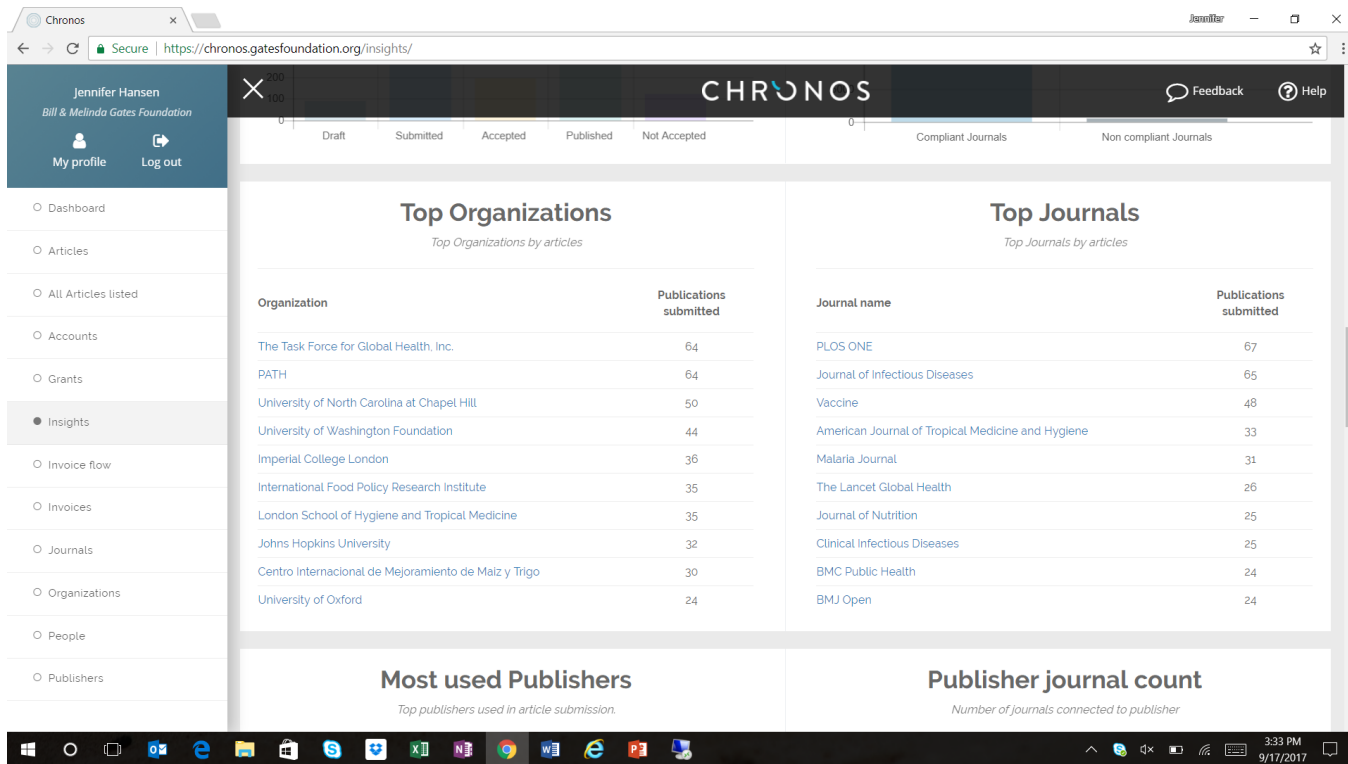
- Developing a new web product to track the impact of the foundation's research.
- Underlying data
- Communication with stakeholders



# CHRONOS – THE GRIND NO MORE



# CHRONOS – WHAT WE DIDN'T KNOW BEFORE

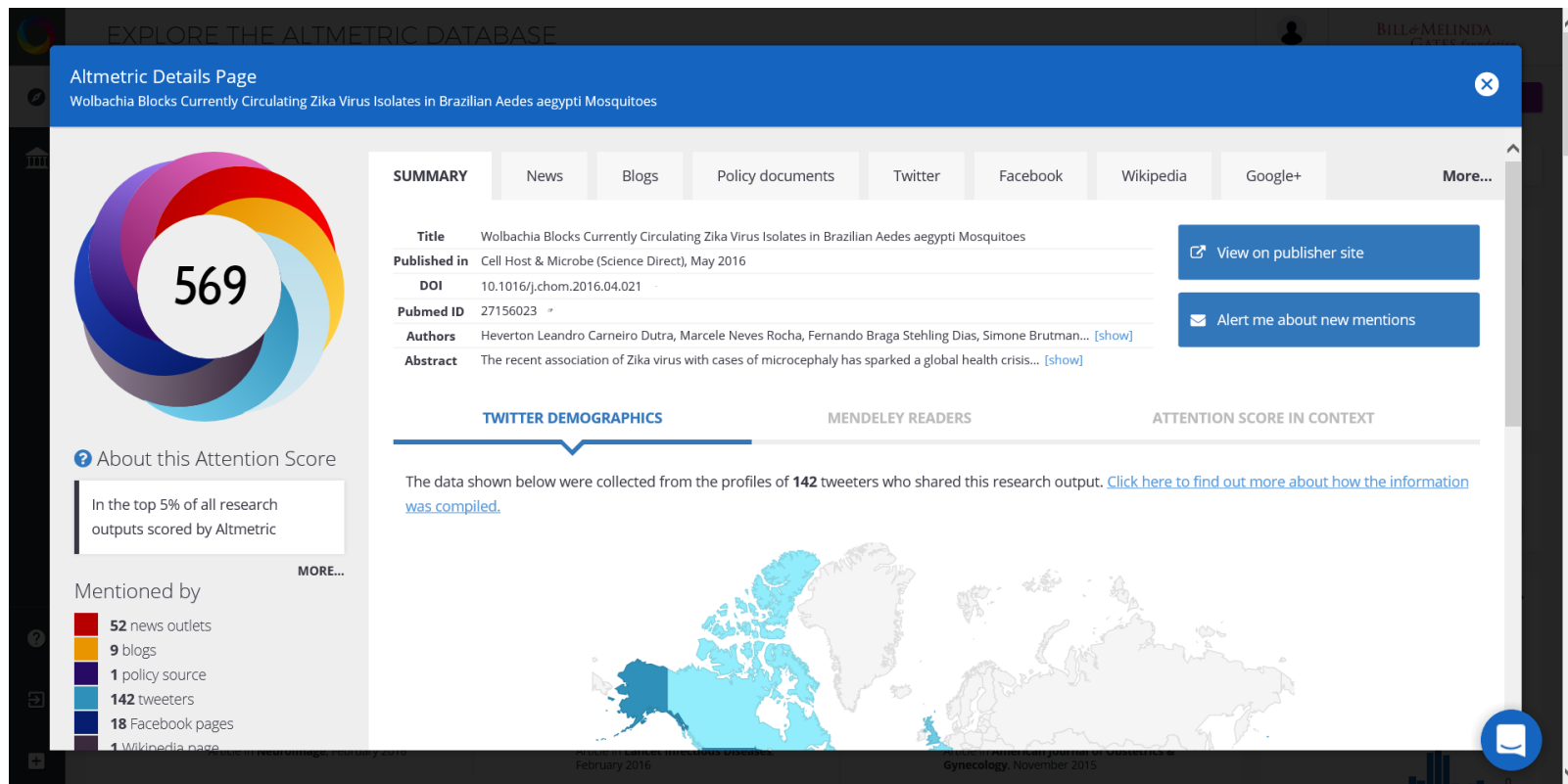




# CHRONOS – WHAT WE DIDN'T KNOW BEFORE



# CHRONOS – WHAT WE DIDN'T KNOW BEFORE



## ■ THE GRIND CONTINUES

**Underlying data – more  
than guidelines, please**

**Continuous  
communication**

# WHAT'S NEXT

COMING SOON

**GATES  
OPEN RESEARCH**



**Defining Success in Open Science  
A Leadership Forum**





## CONTACT & INFORMATION

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