

moz://a

Open Science as a Movement:

Mozilla's efforts to build community
and open leadership in science

11 September 2018

Stephanie Wright
Senior Program Manager
Open Leadership & Events

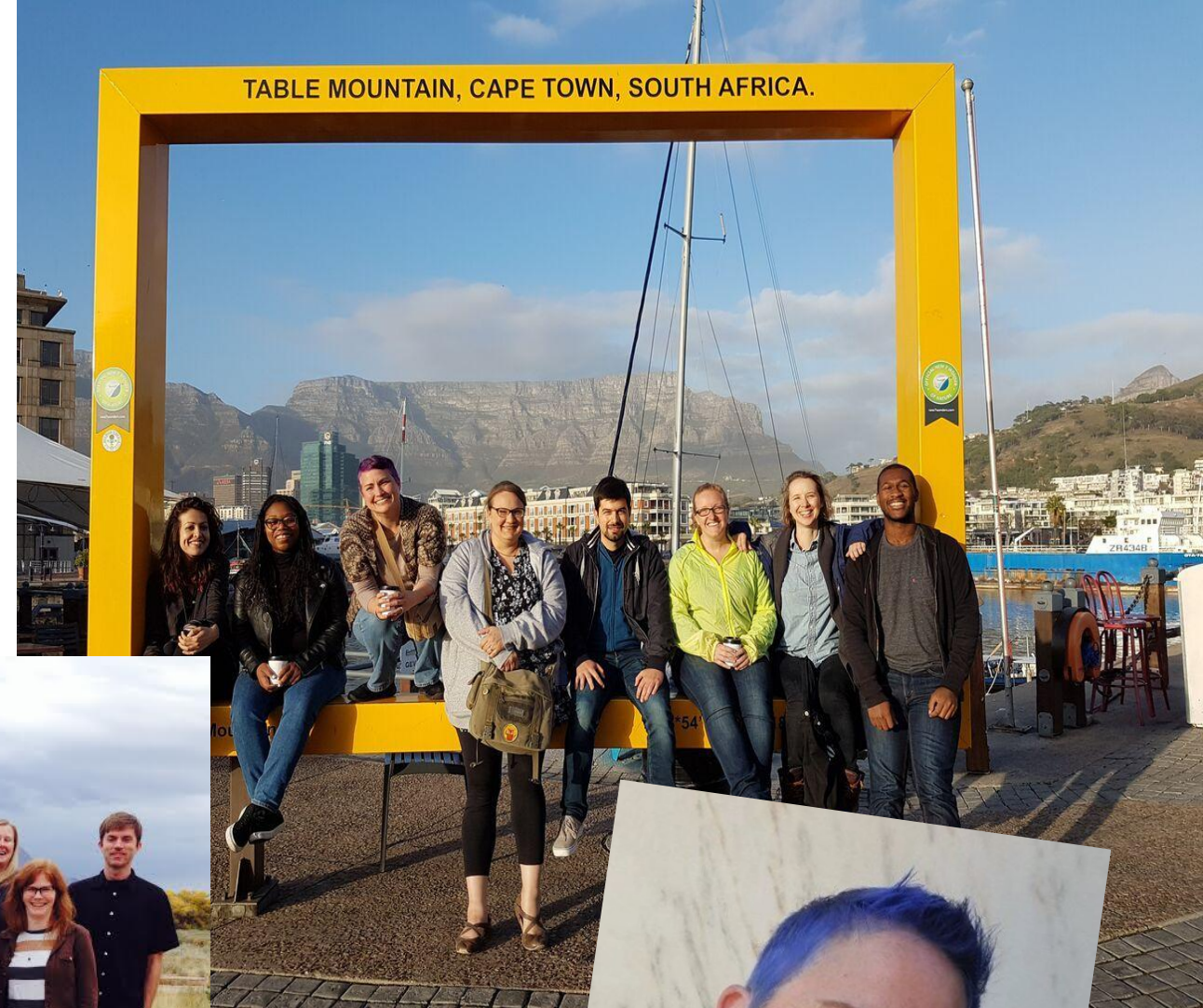




Agenda

1. Who Am I?
2. Why Mozilla?
3. What is Mozilla Science?
4. Our Programs
5. Going Beyond Science
6. Q&A

Hi! I'm Steph!



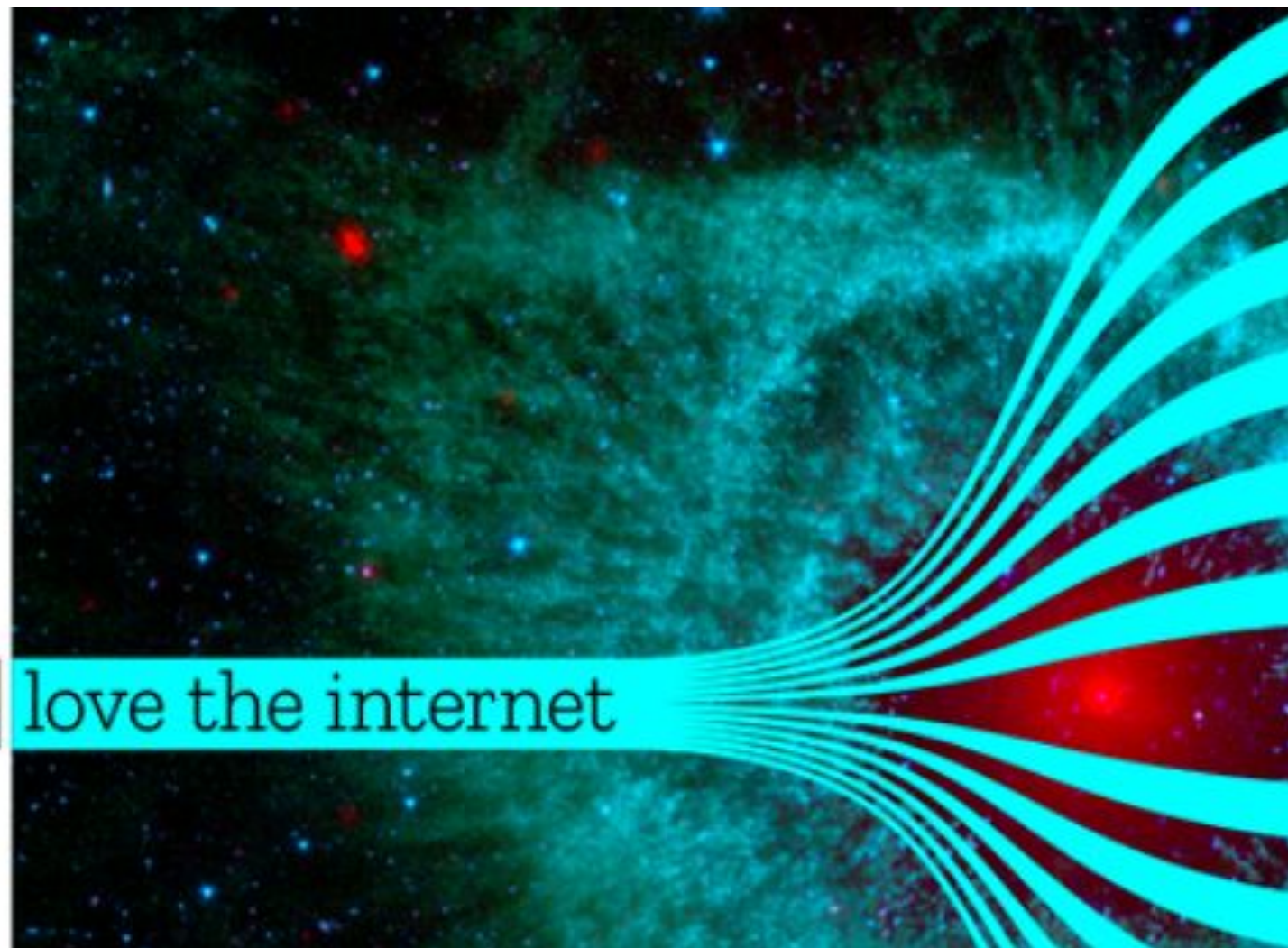
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Mozilla

<https://foundation.mozilla.org/>

**Our mission is to
ensure the Internet
is a global public
resource, open and
accessible to all**

moz://a love the internet



<https://internethealthreport.org/2018/>

Transforming Science

Mozilla Science Lab is a community of researchers, developers, and librarians making research open and accessible. We're empowering open science leaders through fellowships, mentorship, and project-based learning.

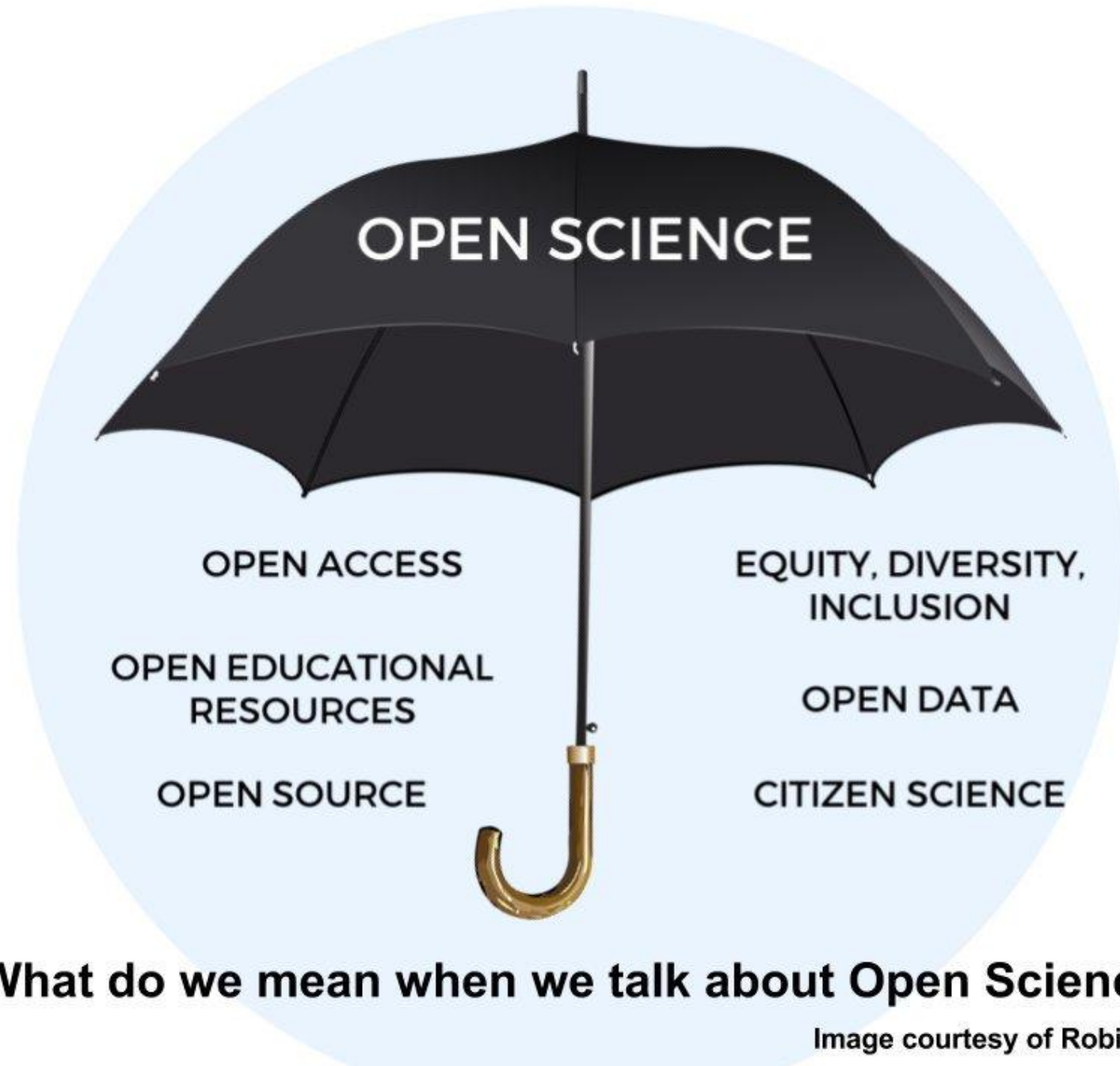


Maximizing access to papers, data, code, and materials so anyone can read and contribute

A community of researchers advocating for openness and collaboration

Open Science: A way for science to achieve its fullest potential

Open Science



What do we mean when we talk about Open Science?

Image courtesy of Robin Champieux

Programs



Announcing the Software Carpentry Foundation

by Kaitlin Thaney on Oct 8, 2014

Software Carpentry has been around for a long time, a labor of love of Greg Wilson and many others. With support from the Sloan Foundation, the Mozilla Science Lab has helped it to grow such that, in the past year, we've reached more than 4,000 researchers and librarians worldwide and trained over 195 instructors (from the sciences and library sciences) who carry the torch and run Software Carpentry workshops on their own. The expansion of the community makes us excited to announce the creation of an independent Software Carpentry Foundation. This new organization is dedicated to fostering the growth and evolution of Software Carpentry work while giving the hundreds of contributors and institutions who've helped shape it a direct role in governing the project. Greg, naturally, is stepping into the project lead role.

What this means for you

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Software
Carpentry

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62 • Madeleine via @RaoOfPhysics / https://github.com/Johnson-neural-style
63 (trending on GitHub)
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Community
Calls

Find a Study Group



Africa	+
Australia	+
Canada	+

Study
Groups

Programs

Mozilla Science Lab Global Sprint 2016

📍 Everywhere 🕒 Jun 2-3, 2016

Join us as we learn to collaboratively build projects transforming science on the web! This two-day sprint event brings together researchers, coders, librarians and the public from around the globe to hack on open science and open data projects in their communities.

About

Projects



Global
Sprint



Richard Smith-Unna (@blahah404) is a computational biologist at the University of Cambridge. He is currently focused on understanding how we can use big(ish) ecological data and open agricultural systems. She's an instructor with [Softw](#) about open science and data management called [f](#)

Learn about these projects and more on [his blog](#).



Christie Bahlai (@cbahla) is an insect ecologist at the University of British Columbia. She works with the NSF-funded [Long T](#) how we can use big(ish) ecological data and open agricultural systems. She's an instructor with [Softw](#) about open science and data management called [f](#)

Learn about these projects and more on [her blog](#).



Joey Lee (@leejoeyk) is a geographer and computer scientist at the University of British Columbia. He is co-author of ["The Big Atlas of I](#) project ([video here](#)). He is currently based in Vancouver and teaching at the University of British Columbia (e.g. [Maptime Vancouver](#)), and exploring projects a

Learn about these projects and more on [his blog](#).



Jason Bobe (@jasonbobe) is Associate Professor at the University of British Columbia. He is co-author of ["The Big Atlas of I](#) project ([video here](#)). He is currently based in Vancouver and teaching at the University of British Columbia (e.g. [Maptime Vancouver](#)), and exploring projects a

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Fellows for
Science

Mozilla Open Leaders

Work Open, Lead Open

Join a cohort of open leaders fueling the Internet Health movement. Receive mentorship and training through Mozilla in this 14-week online program on working open.

Our sixth cohort of Mozilla Open Leaders starts in September 2018! We're looking for Open Leaders to fuel the Internet Health movement by designing and building projects that empower others to collaborate within inclusive communities.

Applications are closed for Mozilla Open Leaders 6.

Stories from Open Leaders



Alecia Kuhl,
[StoryEngine](#)



Mark Sta Ana, Rust
[Content-o-Tron](#)



Gracielle Higino,
[IGNITE](#)



Fiona Cullinan,
[Observed.City](#)

Open
Leadership

Working Open Workshop (WOW)



Schedule

Handouts

Notes

Help

Schedule

The schedule can be found in the workshop repository [here](#), the following handouts are ordered according to the scheduled session times.

Presentations

Each session has a ten-minute presentation. Slides for these presentations are linked below.

1. [README and Project Communication](#) - How they first hear about the project or group.
2. [Roadmapping](#) - How to plan your project schedule and priorities.
3. [Contributor Guidelines](#) - How they first participate or contribute.
4. [GitHub for New Project Leads and Contributors](#) - How to use GitHub as a collaborative platform.
5. [Code of Conduct](#) - How to control behavior and the tone of project.
6. [Event Planning](#) - How to plan activities that support and build your project.
7. [Personas and Pathways](#) - How to plan for your project users and their needs.
8. [Open Data and Data Reuse Plans](#) - How to manage data in your project.
9. [Open Leadership Cohort & Closing](#) - About the Open Leadership Cohort.

Handouts

Sessions

Handouts will provide participants with post-presentation exercises.

1. [README and Project Communication](#)
2. [Roadmapping](#)



Mozilla Fellowship Program



- Media
- Open Web
- Science
- Tech Policy

Open Leadership Mentoring

Fueling the Movement

We're growing & retaining our graduates

2016

Round 1
H1



Berlin WOW

Round 2
H2



MozFest

- orange dot: returned as a mentor
- yellow dot: mentor-in-training
- blue dot: on volunteer list
- green dot: graduated only
- grey dot: did not complete

2017

Round 3
H1



Montreal WOW Online only

Round 4
H2



MozFest Online only Boston WOW (community run)

2018

Round 5
H1



Online only MIT OLC

Highlights

170% YoY growth

96% of graduates stay involved

262 graduates & capacity to accept 150 in round 6

42% of graduates return & mentor (110 mentors)

WOW Austin (ATX)



Location

Purpose

Roadmap

Schedule

Notes

Help

Participants

Location

IMPACT HUB – [North Lamar](#)

5540 NORTH LAMAR, AUSTIN, TX 78721



POP: Purpose, Outcomes & Process

Purpose

- **Mozilla:** Train Mozilla Network members who will advance our mission in alignment with our core values.
- **ATX:** Develop local Open Leaders who can support their Austin open communities and lead future workshops.

Outcomes

- Improve the quality of Mozilla Working Open Workshops (WOW) through feedback from local community members and experts in the field;
- Improve the quality of select, existing open projects in Austin through strategies shared and

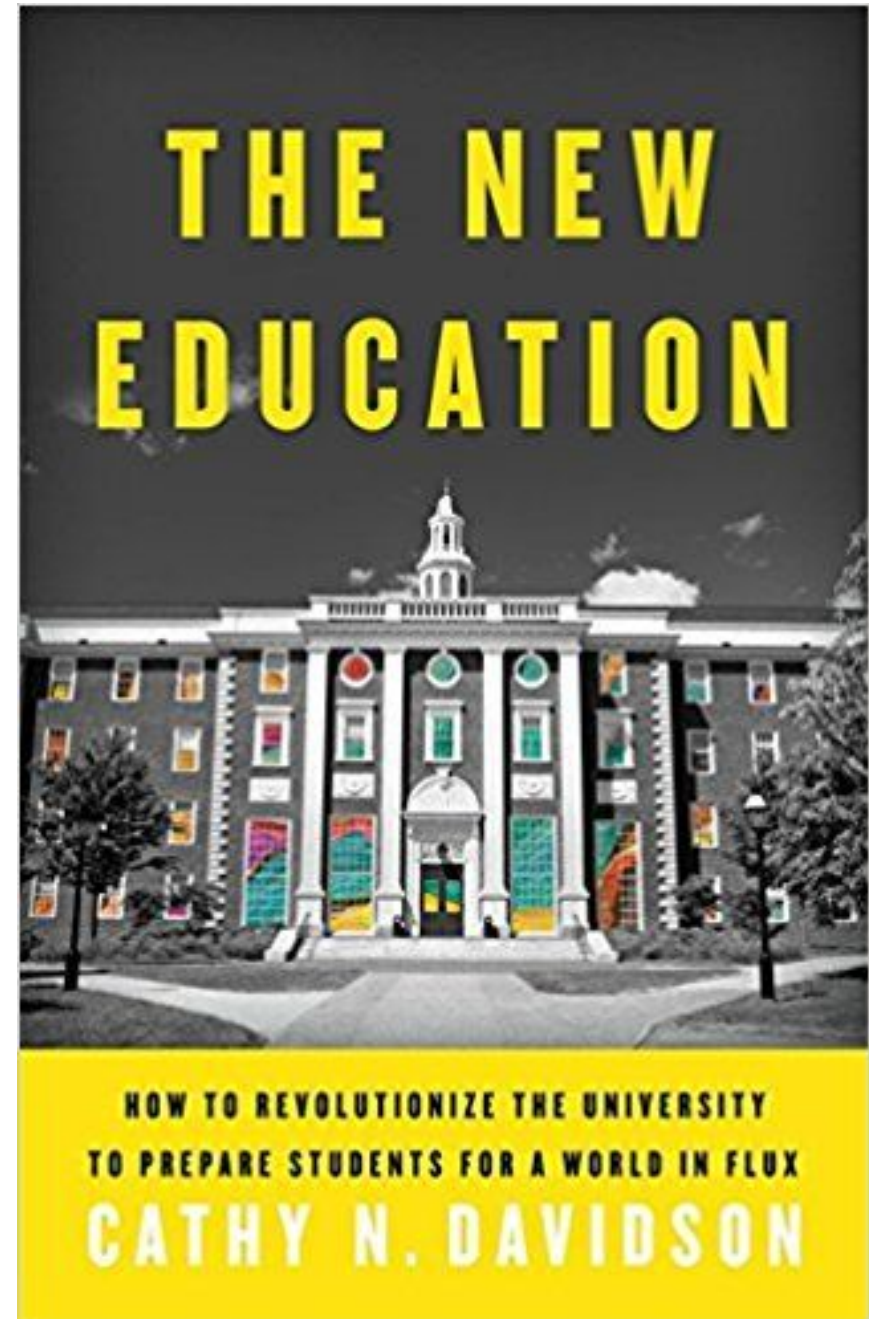
Global Sprint Overview



Mozilla's Global Sprint is a fun, two-day collaborative hackathon. A diverse network of educators, engineers, artists, scientists, and many others come together in person and online to build projects for a healthy Internet.

- Closed **270** pull requests
- Opened **300** pull requests
- Created **2240** comments & issues
- Pushed **1116** commits
- **55%** increase in contributors

The New
Education:
How to
Revolutionize
the University
for a World in
Flux



Open Leadership Mentoring

Fueling the Movement

We're growing & retaining our graduates

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- 96% of graduates stay involved
- 262 graduates & capacity to accept 150 in round 6
- 42% of graduates return & mentor (110 mentors)

2016



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2017



2018



miniWOWs



Schedule

Notes

Help



Welcome to miniWOW PDX!

Based on the Mozilla Science Lab's Working Open Workshops in Berlin (2016) http://bit.ly/moz_wow and Montreal (2017) <https://mzl.la/2017wow>

Registration closes on April 7, 2017! To register, please fill out this [form](#).

Do you have an idea for a project that will help the scientific community or impact the way scientists work? It could be software, an advocacy project, an effort to bring science to the people, or something else entirely. Getting a project off the ground is daunting, and most of us aren't trained in project management and community building skills.

Programs



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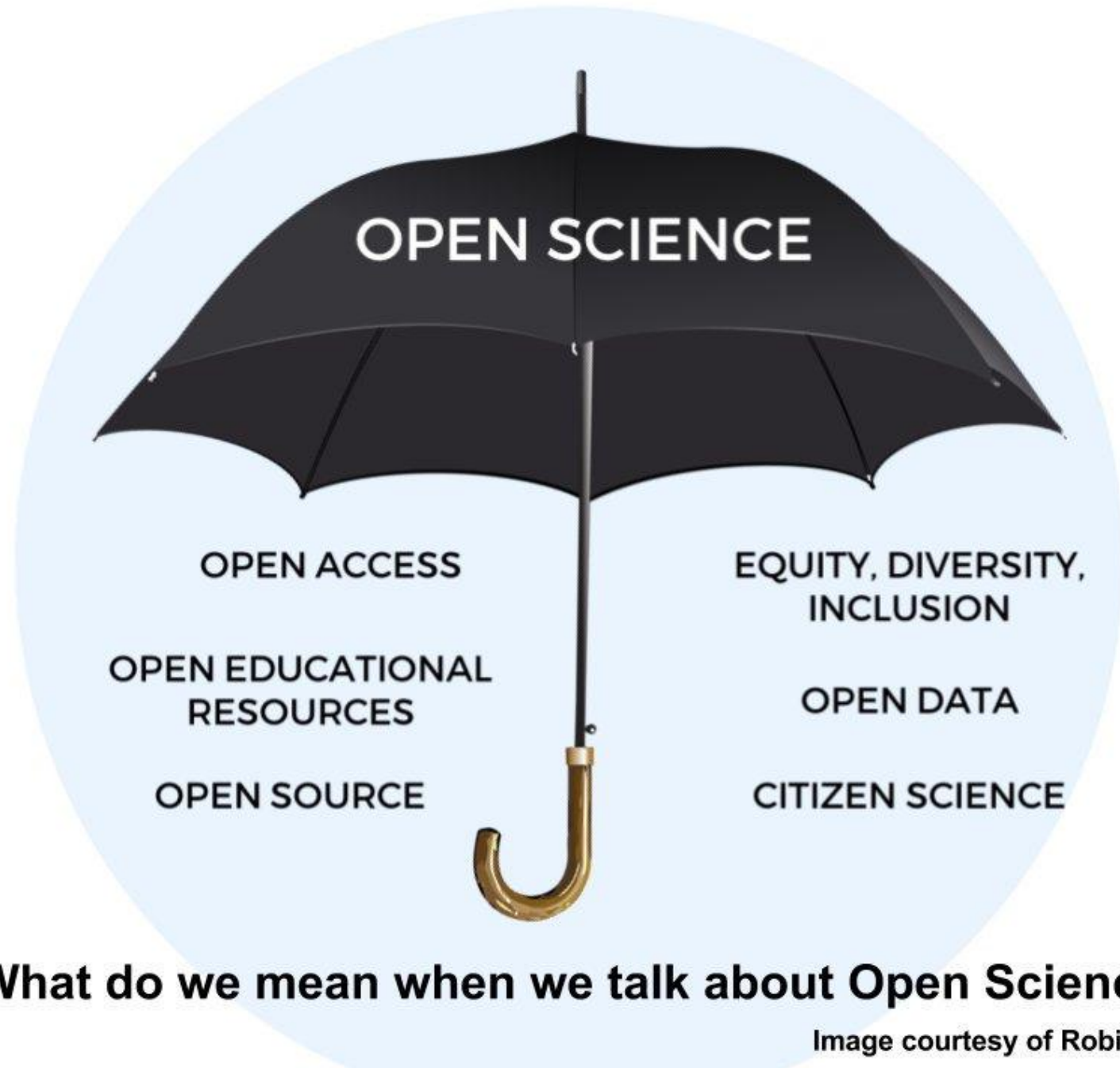
Find a Study Group



- Africa +
- Australia +
- Canada +

Study
Groups

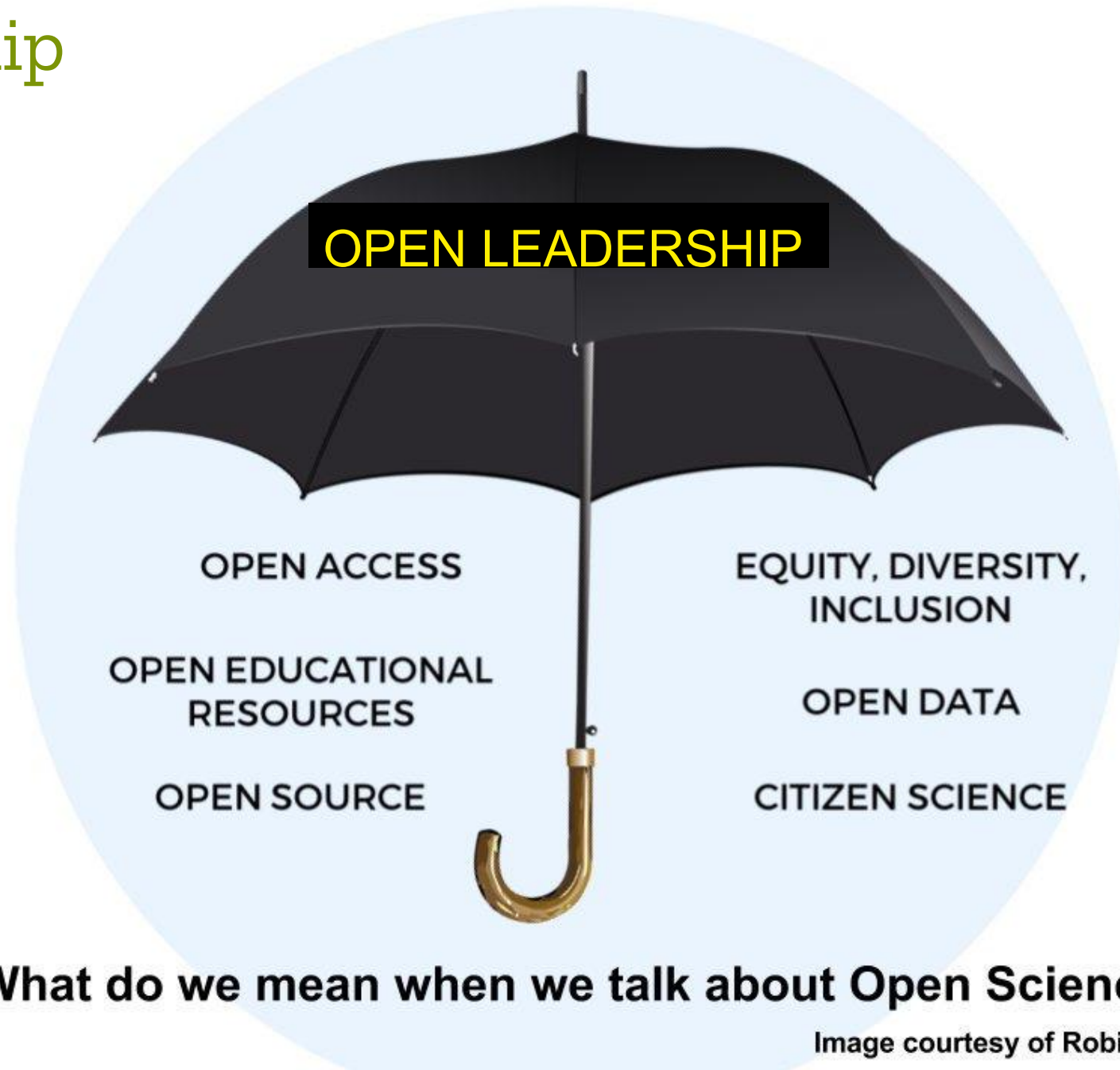
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What do we mean when we talk about Open Science?

Image courtesy of Robin Champieux

Open Leadership



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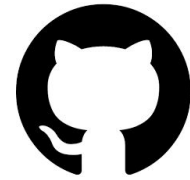
Image courtesy of Robin Champieux

Thank
You!
Questions?
Want to
join in?

moz://a



@shefw
@MozOpenLeaders



@stephwright



steph@mozillafoundation.org

leadopen@
mozillafoundation.org

<https://foundation.mozilla.org>