



CAN YOU IMAGINE?

A generation of scientists making life-changing discoveries in every country in the world



WE EMPOWER SCIENTISTS TO:



Give hands-on training to the next generation of the STEM workforce



Address local problems before they become worldwide crises



Pursue novel solutions for health, agriculture, energy & the environment

Fast-moving disease epidemics, the effects of climate change, the urgent need to feed our growing population and power expanding cities—these challenges know no boundaries.

Our best hope is a **generation of scientific problem-solvers** that is equally global.

Tens of thousands of talented scientists work throughout the developing world.

But they lack the necessary tools so often taken for granted in developed countries: modern lab equipment and supplies, mentorship, funding, and ongoing training.

You Can Catalyze Global Science

Equipment is the foundation.

You can join us to increase opportunities for collaboration, mentorship, and tech transfer among the global health community.

Our Solution



Our core program, Instrumental Access, is designed to be the first step in a continuum of services to help talented scientists advance discoveries and innovations in global health. Instrumental Access provides affordable **access to modern lab equipment** donated by our 140+ private-sector partners.

Equipment is the foundation for other resources. Scientists use it to generate new knowledge relevant to local and global health needs, leverage sustainable funding for their research, and participate fully in international collaborations.



The Lasting Impact

Across our Instrumental Access network, an estimated **23,000 undergraduate students each year** take STEM courses that incorporate the equipment, getting crucial hands-on experience.

To date, more than **1,600**
up-and-coming
scientists at Instrumental
Access universities use
equipment from Seeding Labs
to complete research for their
Masters' and PhD degrees.

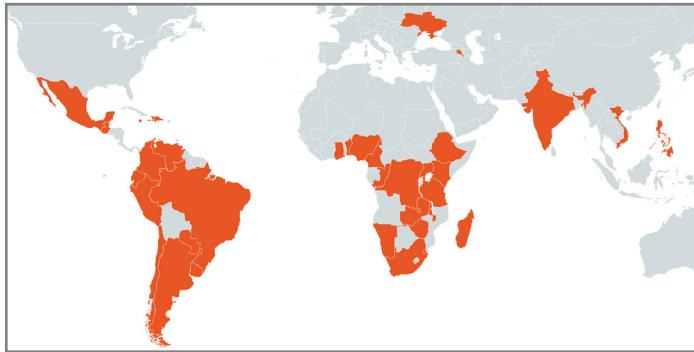
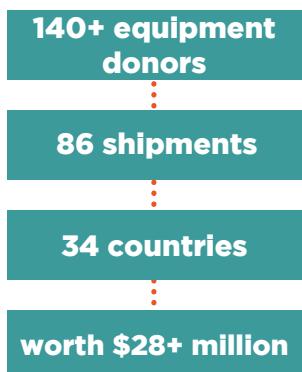
At 13 of our Instrumental Access universities, **330 faculty members** are utilizing the equipment to accelerate research. So far, they have leveraged it to win **\$3.3 million** in new research grants.



Namibia is facing social challenges in health, food security, energy, and the environment. With more equipment, our department can accelerate existing research and expand to new research areas that would address these problems.

—Dr. Muvari Tjiurutue, Head of the Department of Chemistry & Biochemistry, University of Namibia
Instrumental Access 2018 awardee

Redrawing the Map of Global Science



Strategic Partnerships Improve Global Health, Accelerate Science Research & Teaching

Takeda Pharmaceuticals and Seeding Labs launched a strategic partnership in 2017 to build scientific and healthcare capacity in developing countries.

Led by the Access to Medicines initiative, Takeda's R&D organization joined forces with Seeding Labs to share expertise and much-needed tools with talented scientists around the world.

In addition to equipment donations to Instrumental Access, the



partnership is fostering connections between Takeda R&D employees and their counterparts in emerging markets through training and virtual mentorship programs.



Helping to catalyze basic research and early translational medicine can have an enormous impact on strengthening the overall healthcare infrastructure in developing countries.

—Dr. Chris Reddick, Vice President,
Takeda R&D Patient Access

MilliporeSigma, the Life Science business of Merck KGaA, Darmstadt, Germany, expanded its signature partnership with Seeding Labs in 2018 to go beyond equipment and share knowledge with scientists around the globe.

As the exclusive sponsor of Seeding Labs' **TeleScience online resource**, MilliporeSigma engaged employees company-wide to accelerate teaching and research worldwide.

The TeleScience platform leverages MilliporeSigma's expertise catalogued in an online **library of educational videos** created and led by MilliporeSigma employees.



Videos offer tips and techniques for using equipment, along with troubleshooting problems.



Through our partnership with Seeding Labs, we are able to provide our expertise and connect the global scientific community to resources it wouldn't otherwise have, driving innovation and accelerating access to health for people everywhere.

—Udit Batra, CEO, MilliporeSigma



You Make the Difference

Join us in making a lasting impact on the global health community!

You can donate equipment to brilliant scientists, share your knowledge and expertise, and create a strategic partnership to advance science worldwide.

Let's talk: info@seedinglabs.org, +1.617.500.3014

Join Our Partners



GE Healthcare



About Seeding Labs

Our goal is to ensure everyone has equal opportunity to make the scientific discoveries that improve life and our planet.

Our mission is to **empower every scientist** to transform the world.