Power to Prevent Pandemics

By altering the face of our planet through activities like deforestation, urbanization, and wildlife trade we bring ourselves into contact with the animals that carry potential threats like the virus that causes COVID-19.

Through our work at the source, we can protect the human lives impacted by these diseases, as well as these animals and their natural habitats as well.
MISSION STATEMENT

EcoHealth Alliance leads scientific research into the critical connections between human, animal, and environmental health. We develop solutions that prevent pandemics and promote conservation.

75% of new and emerging diseases are zoonotic in nature, spreading among wildlife and domesticated animals before emerging in people.
About EcoHealth Alliance

EcoHealth Alliance is the world’s premier nonprofit organization dedicated to protecting humans, animals, and the environment from the ravages of disease emergence.

Working in more than 30 countries worldwide, EcoHealth Alliance develops innovations in research, training, capacity building, policy initiatives, and designs tools and interventions to prevent pandemics and promote conservation.
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NANCYE GREEN; ECOHEALTH ALLIANCE CHAIRPERSON:
In a year that seems to have existed exclusively in virtual spaces, it seems oddly fitting to check-in with everyone this way.

PETER DASZAK, PHD; ECOHEALTH ALLIANCE PRESIDENT:
Absolutely. It seems a minor quibble amongst the breadth of tragedy we’ve witnessed in the last year+, but the lack of human interaction has been a constant frustration.

NG:
While it’s been my honor to serve on the Board of Directors for EcoHealth Alliance over the past decade, it has actually been a source of great comfort to work with an organization like this throughout the COVID-19 pandemic.

PD:
And why is that?

NG:
Because I call the extraordinary scientists at EcoHealth Alliance not only colleagues, but friends. And I’m reminded each time we talk that we as a global community do have the power to prevent tragedies like this.
PD:
Nancye, I agree. The statistics may look troubling but I am an optimist at heart. We know it’s human activity that causes pandemics and so we, too, have it within our power to be the solution.

NG:
But we’ve got to take a serious look at the way we interact with the world around us.

PD:
It is remarkable, when you stop to think about it, our Earth provides us everything we need to survive. But it’s something we must take care of, too, and when we don’t there are consequences. The climate crisis, to be sure, is one of those. But we’ve never seen such a frequency of disease emergence in human history, and that’s no coincidence.

NG:
That’s the beauty of EcoHealth Alliance’s One Health approach. In treating the issue of public health as a part of a whole, acknowledging and studying the connections between planetary, animal, and human health, we can create solutions that take aim at the cause, not just the symptoms. And these connections aren’t just esoteric, these are real: one in three outbreaks of new and infectious disease are linked to land-use change like deforestation.

PD:
And the solutions needn’t be complex to be effective. EcoHealth Alliance scientists are conducting analysis to show governments the benefits of conservation over overdevelopment and field research is discovering unknown viruses with an eye toward developing treatments and vaccines before people start to get sick.

NG:
We have to thank our supporters. You make our work possible and we carry your belief in our mission with us in all our work around the world. This is our motivation to carry on with greater determination than ever before.

PD:
Thank you.
EcoHealth Alliance works around the world where the threat of spillover is highest and resources often lowest.

In each of the countries where we work, our scientists partner with local scientists and community leaders to foster global relationships and build local capacity.
Before a pandemic, there is an outbreak.

And before that, a single moment of spillover: when a novel pathogen breaks free from its natural host and infects a person.

By working at the point of spillover—and developing solutions to prevent it ever happening—we can prevent a tragedy before it happens.
By working at the point of spillover—and developing solutions to prevent it ever happening—we can prevent a tragedy before it happens.

LIFECYCLE OF AN OUTBREAK

Before an Outbreak

There are an estimated 1.7 million unknown viruses on our planet. Most lie safely out of human reach in remote areas. But a rapidly expanding population, and its ever increasing need for resources, means we are pressing further and further into pristine forest than at any point in human history.

This rapid alteration of our planet’s natural spaces puts us into ever increasing contact with these unknown pathogens, leading to what we’ve called the Pandemic Era. But through field work we can locate and learn about these unknown viruses before they start to make people sick. EcoHealth Alliance’s global field research has led to the detection of more than 1,000 unique viruses; our work is published and can be used to develop vital treatments and vaccines before anyone gets sick.
Spillover

Novel viruses are impacting us at rates we’ve never seen before; between two and five previously unheard-of viruses make the jump from their animal reservoirs to humans each year.

EcoHealth Alliance conducts data-driven analyses to determine the regions of the world where this spillover is most likely to occur and develops innovations in research, training, and policy initiatives in order to prevent spillover events. By developing solutions that protect the natural spaces that serve as home to Earth’s flora and fauna and serve as a barrier between us and pathogenic threats, we can protect not only ourselves, but serve as better stewards of our planet.
Outbreak and Prevention

Outbreaks are inevitable, but pandemics are not.

However, preventing them requires a proactive approach. EcoHealth Alliance’s research focuses not only on the source of pandemics, but their causes as well. In the last year, EcoHealth Alliance scientists conducted an analysis that suggests an annual investment between $22-31 billion (USD) in preventative measures could reduce our pandemic risk significantly. The price tag seems hefty, but compared to the cost of COVID-19 alone, which is estimated to be somewhere in the tens of trillions of dollars, the case for prevention makes itself.

Prevention is possible.

But global problems require global solutions. Through coalition and capacity building, as well as training a generation of One Health practitioners around the world, EcoHealth Alliance is committed to putting an end to the Pandemic Era.
Financial Statements

FY2020 INCOME:

- **67%** Government Grants: $7,555,383
- **19%** Foundations and Corporations: $2,106,803
- **8%** Individuals: $939,406
- **2%** Investment Income: $210,118
- **2%** Other Income: $243,841
- **2%** Special Events Income: $196,935

**TOTAL INCOME:** $11,252,486

*Includes investment gains of $122,946

FY2020 EXPENSES:

- **87%** Program: $8,827,270
- **3%** External Relations: $340,229
- **9%** Administration: $905,372
- **1%** Special Events: $51,371

**TOTAL EXPENSES:** $10,124,242

**CHANGE IN NET ASSETS:** $1,128,244

The firm of BKD CPAs & Advisors audited the Consolidated Statements of EcoHealth Alliance as of June 30, 2020 including the Consolidated Balance sheet, Consolidated Statement of Activities, Consolidated Statement of Functional Expense, and Consolidated Statement of Cash Flows. The above presentation has been derived from those audited financial statements. Copies of the audit as well as the Internal Revenue Service Form 990 tax return are available upon request to Armine Arustamyan, Chief Financial Officer at EcoHealth Alliance, 520 8th Avenue, Suite 1200, New York, NY 10018

EcoHealth Alliance stands among only four percent of charities evaluated by Charity Navigator to receive at least eight consecutive 4-star evaluations.

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