



Genetic Literacy Project

SCIENCE NOT IDEOLOGY

ANNUAL REPORT 2020

**FACT BASED SCIENCE TO
SERVE THE PUBLIC INTEREST**



Abdulrazak Ibrahim, Capacity Development Officer
at Forum for Agricultural Research in Africa

“ I want to take this opportunity to not only congratulate you on having covered close to a decade of GLP, but to thank you profoundly for the good work! You and your team at GLP have made significant contributions in popularizing scientific literacy across the globe and this has changed the way people view technologies and created positive impacts on human livelihoods, especially in Africa.

You probably recall my first write-up addressing anti-GMO propaganda in Africa in 2014. Shortly after it was published on GLP, I received a torrent of emails from various stakeholders (including the late Harvard professor Calestous Juma) in Africa's agri-food system, mostly commending the write-up. On a personal level, that publication changed my life and brought me to where I am today because through networks nurtured following its publication, which saw me join my current organization, where I support the advancement of Science, Technology and Innovation on the continent. It also propelled me to become a good writer and author of several books on the bioeconomy, synthetic biology, and more.

The knowledge products and tools available on GLP also shaped policy thrust and influenced commitments that saw Nigeria releasing GE crops in record time, helping the country in taking its leadership position in Africa and accelerating agricultural transformation for its 200 million people. I also saw a number of my students (including Abdullahi Tsanni) learning from you and promoting STI for development. For these and more, we thank you and wish you more fruitful years ahead.

The GLP, Biotechnology and the Challenge of Science Communications

I am proud to share the Genetic Literacy Project's 2020 Annual Report. It highlights our growing role in promoting science and biotechnology—and challenging those who, wittingly or unwittingly, undermine for ideological or financial gain the technological revolution in agriculture and biomedicine.

As the cover of this Annual Report highlights, with its vivid image of SARS-CoV-2, this has been an unusually challenging and frightening year. The coronavirus has roiled everyone's life. At the GLP, as the uncertainty mounted, we made the painful decision to reduce staff and salaries. But it also prompted us to rethink what we are and how we can best serve the policy community, journalists, educators, and the general public that have come to depend upon us.

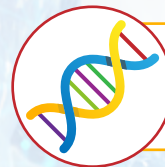


“.... GLP expanded its focus to include the role of biotechnology in creating responses to COVID-19”

As the crisis escalated, the GLP expanded its focus to include the role of biotechnology in creating responses to COVID-19. We launched our *Outbreak: Biomedicine, Vaccines and Policy Solutions* section, with culled articles and original analysis on a daily basis, and it has become one of our most popular innovations.

With all the disruptive changes, the GLP has remained committed to its core mission: providing resources for those in a position to positively affect policy. We introduced an essential tool for those concerned about the tendency of many governments to over-regulate biotechnology advances in medicine, food and farming and gene drives: GLP's *Global Gene-Editing Regulation Tracker*.

We also rolled out an *Advocacy Funding Tracker* that documents the vast sums of money—more than \$1 billion since 2012—that foundations have poured into the coffers of anti-biotech advocacy groups. Many environmental groups call themselves ‘green’ but stand decisively against developing CRISPR gene editing and transgenics to increase the yield and nutritional value of staple crops while reducing their environmental impact. While many groups take ideological positions, the GLP stands for innovation and sustainability, and we are committed to exposing this hypocrisy.



“While many groups take ideological positions, the GLP stands for innovation and sustainability”

I hope you will explore this report, and better yet, re-explore the GLP. We are refining our focus over the next year to respond to new waves of science misinformation. We stand by empiricism and principle. Our staff and contributing writers remain steadfast in service of the GLP's guiding principle—Science Not Ideology—civily raising prickly questions and challenging public, political, and academic orthodoxies.

Thank you.

Jon Entine



“We stand by empiricism and principle. Our staff and contributing writers remain steadfast in service of the GLP's guiding principle — Science Not Ideology.”



GLP Performance Statistics

GLP is the world's most popular resource promoting innovation in biomedicine and agricultural biotechnology

Total Visitors

17,689,468

July 1, 2019 - June 30, 2020

Source: Cloudflare

Monthly Visitors

FYE 2020	1,474,122
FYE 2019	1,605,092

Daily Visitors

FYE 2020	48,464
FYE 2019	57,662

Best Day

FYE 2020	158,429
FYE 2019	102,007

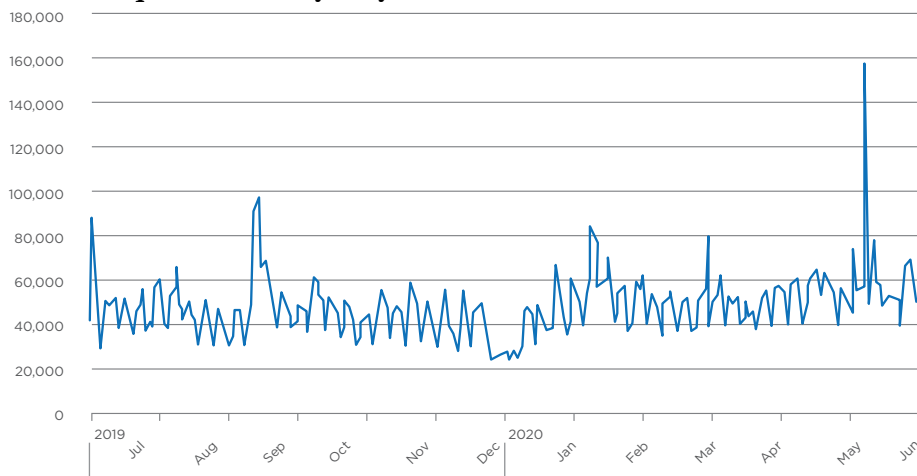
Best Week

FYE 2020	442,295
FYE 2019	686,844

Best Month

FYE 2020	1,522,433
FYE 2019	2,551,992

Total Unique Visitors by Day



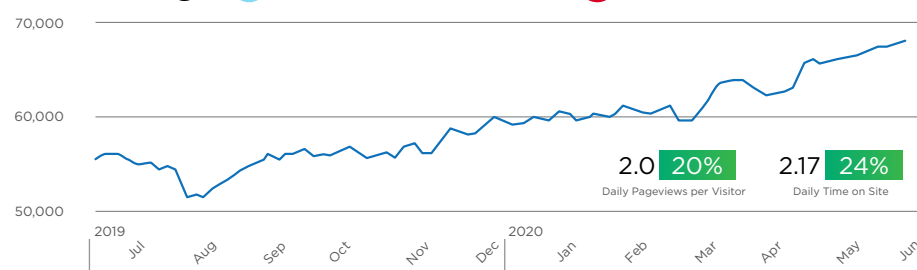
Alexa Rankings



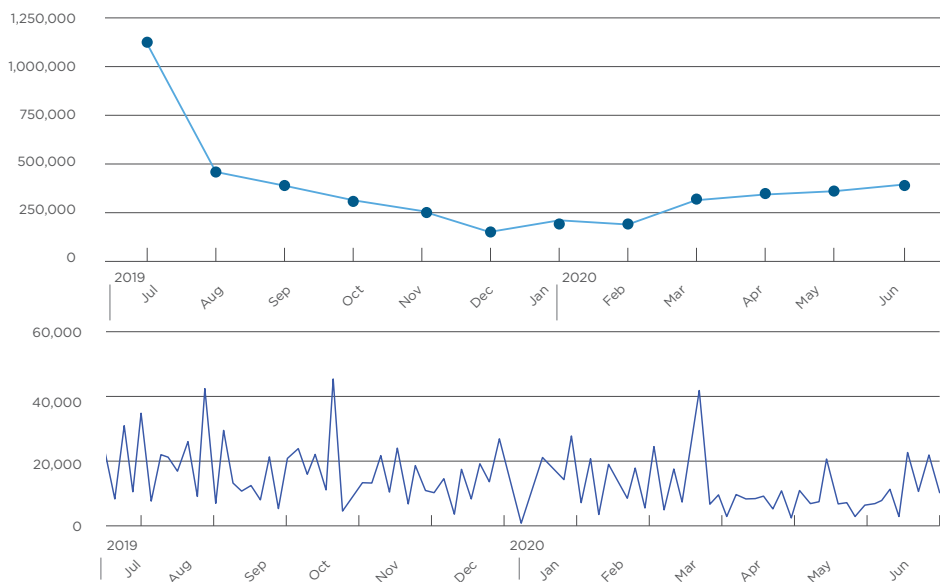
GLP GLOBAL Rank: 66,381



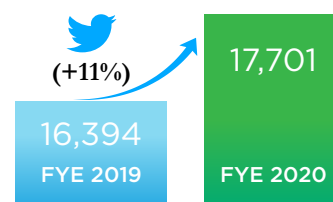
GLP US Rank: 17,946



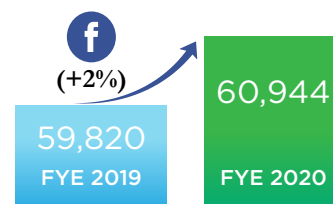
Social Media Impact Metrics: Visitors



Twitter followers



Facebook Likes

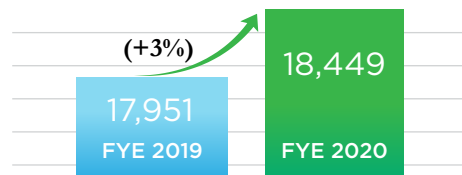


Newsletters: Daily Digests, Outbreak, Weekly, Top 6



The GLP offers readers multiple newsletters a week: Daily Digests of the most impactful developments on COVID; vaccines and biomedical policy; human genetics and agricultural biotechnology; Weekly Digest covering all biotech and policy issues; and Sunday Top 6.

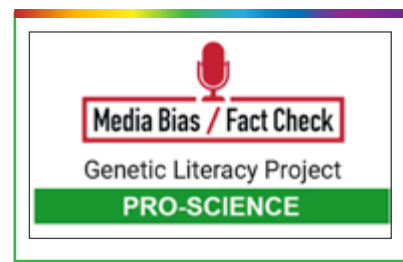
Newsletter Subscribers



GLP Media Impact and Credibility

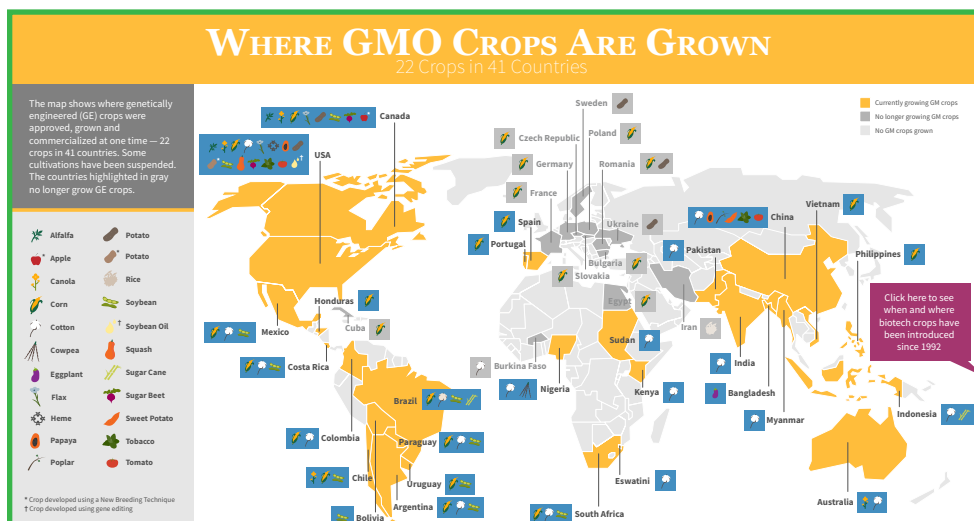
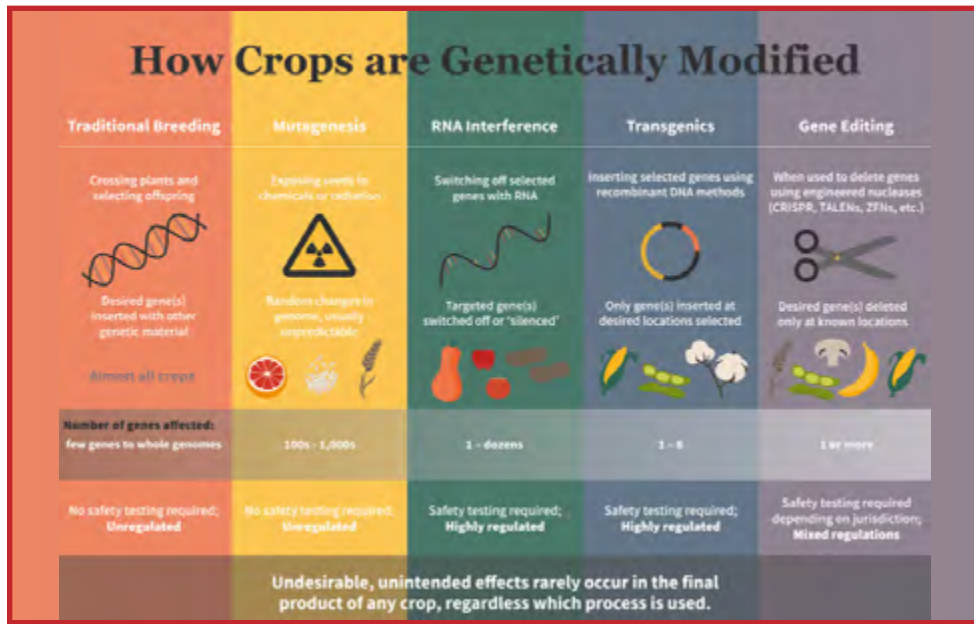
The GLP covers the intersection of media, policy and ideology with science. Media Bias/Fact Check rates the GLP as a highly reliable, pro-science resource.

The GLP also partners with organizations with similar values — those that challenge entrenched beliefs and the ideological status quo on complex, issues focused on biotechnology and related science. We don't always agree with all of their perspectives, but we run these articles, often in full, to promote dialogue. And it works. By respecting the independent thinking of our readers, GLP has emerged as one of the most respected and cited science sites on the web.



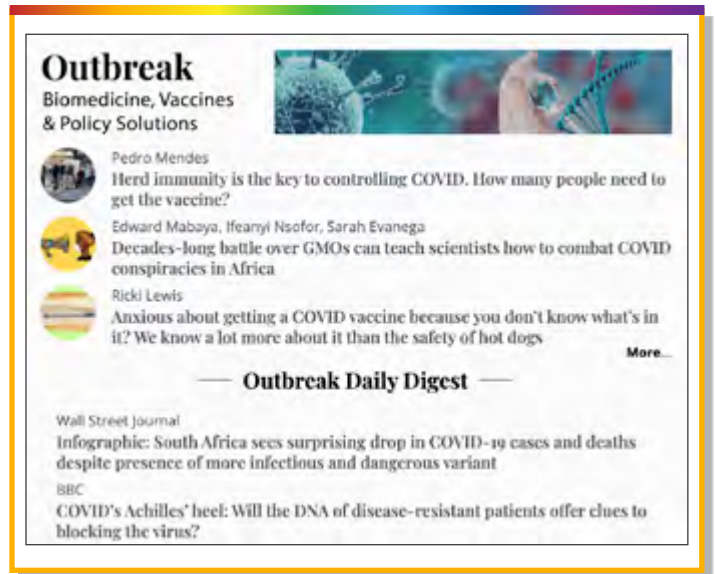
GLP Innovates Informative Infographics

Our infographics objectively inform the public about gene edited and GMO crops — how they are modified, what traits are engineered and where they are grown. For example, the first graphic illustrates that all crops have been modified by humans. Although genetic engineering results in few gene changes, it is extensively regulated. In contrast, seeds created by mutagenesis use gamma rays or chemicals to create thousands of unknown mutations. There are 3,200 plants created artificially this way, including sweet grapefruit and Italian durum wheat. They are not regulated, and many are sold as organic.

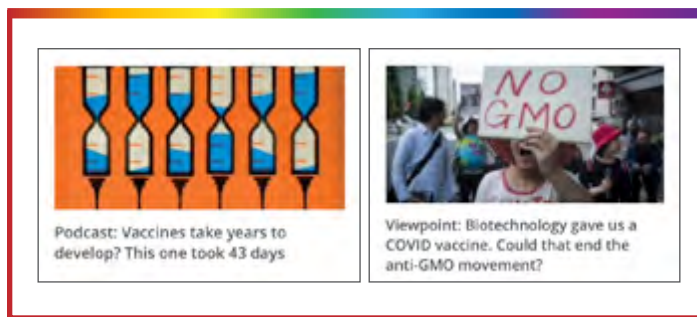


GLP and the COVID-19 Outbreak: Biomedicine, Vaccines & Policy Solutions

When the COVID-19 crisis broke, the GLP expanded to include the effort to develop vaccines and the policy implications of a global pandemic. We initiated a new section, *Outbreak*, running multiple features a week and culling the web for daily analyses of the science policy implications of the virus and the surge in vaccine rejectionism. We were months ahead of other media outlets exploring the genetics of the coronavirus.



Vaccine innovation accelerates the revolution in medicine, changing public perceptions of biotechnology



While the COVID-19 tragedy persists, the dramatic effort to develop vaccines has showcase the biotechnology revolution. All approved COVID vaccines consist of genetic recipes. They use human cells to make harmless fragments of the coronavirus—copies of “spike” proteins that protrude from each virus particle, such as the one pictured on our cover. Often-vilified drug companies and scrappy upstarts lead the research effort, challenging outdated perceptions that biotechnology is not providing dramatic public benefits.

Challenging the alliance of anti-biotech activists and vaccine denialism

Despite this progress, science rejectionism has not receded; it's mutated. Early in this crisis, the GLP reported how left-leaning anti-GMO groups peddled anti-vaccine conspiracies embraced by groups long notorious for their anti-GMO activism — Robert F. Kennedy, Jr. and the Organic Consumers Association, among them. They are often echoed by extremists on the far right, such as Alex Jones, Mike Adams's Natural News and more recently QAnon supporters. The GLP has exposed the alliances of science rejectionists.



The conspiracy-mongering also forced a reckoning for some high-profile new organizations, including FOX News and The New York Times, which have long given column space to chemophobia and agriculture biotechnology rejectionists. The GLP holds accountable both activists and conventional news sources.

GLP Challenges Misinformation and Advocacy Groups Undermining Science



Over the past 10 years since we launched in 2011, the GLP has offered a variety of resources not found anywhere else in the media or the web. Here are our most visited Special Sections, with a brief summary of what they offer.



“GLP has offered a variety of resources not found anywhere else”

Biotech Profiles: Analyzing the critics shaping the debate addresses the claims and campaigns of advocacy groups, environmental organizations, scientists and gadflies who willfully distort the science, often for personal gain or to fundraise. Concerned about the ‘proliferation of unnecessary’ chemicals or biotechnologies? Fearful CRISPR and synthetic biology undermine nature? Those are viewpoints promoted by activists and organizations that characterize themselves as working on society’s behalf. Are their agendas grounded in science? The GLP analyzes their credibility, separating fact from ideology.

GMO FAQs is a question-and-answer resource for those trying to disentangle science facts from myths, corporate boasting and advocacy group ideological claims. We pose 35 oft-debated issues linked to agricultural biotechnology and associated ‘disruptive’ innovations, such as the dangers (and benefits) of the weedkiller glyphosate, how CRISPR is being regulated, and whether ‘intensive farming’ encourages monoculture cropping or is compatible with biodiversity.



Many environmental and media organizations circulate the narrative that pollinator populations, honeybees in particular, are on the verge of collapse — bee-apocalypse they call it. Their target is chemicals used in agriculture. Pest control chemicals are by definition toxic; that’s not in dispute. The more important question is: Which chemicals should be used that help control farm pests, but limit environmental harm. It’s a cost-benefit analysis.

The GLP goes beyond just reporting the news. When facing environmental challenges, we focus on sustainability: What’s the net benefit if we ban a particular chemical? What would replace it? How do we balance benefits and harm? We provide the science to challenge exaggerated claims by both advocacy groups and chemical defenders so policymakers can make wiser decisions.



“We provide the science to unmask exaggerated claims”

“If You Try to Ban the Future, it Will Just Happen Someplace Else” — GLP Is a Bulwark Against Misregulation and Its Proponents

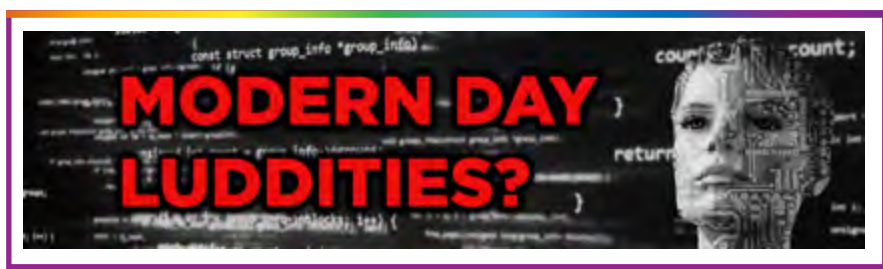
COVID has spawned the warp-speed global effort to develop a new generation of vaccines, all biotechnology based. That's underscored a new reality: we are in the paradigm-altering age of genetics, a revolution in medicine and agriculture. That's the good news. The bad? It's not at all clear whether this science insurgency will fulfill its potential in North America, Europe, Japan and other research centers, and in developing parts of the world like Africa. If not, we run the risk of letting authoritarian countries such as China control the future of emerging technologies.



This biotech revolution has been the GLP's central mission since its founding. With support from the John Templeton Foundation, which also partners with Nobel Prize winner Jennifer Doudna and the Aspen Institute in promoting science literacy, we've dedicated ourselves to grappling with the accompanying ethical, religious and practical challenges of such dramatic changes.

Regulations — smart, streamlined guidance that puts 'productivity' on an equal footing with 'precaution' — will determine who will benefit most. Will we fully exploit CRISPR gene editing and other 'disruptive technologies' or will we be hobbled by misguided, romantic notions of Nature under siege from technology? The GLP is dedicated to exposing opponents of innovation, often organizations that fashion themselves as liberal, much like the Luddites of the early 19th century. In reality, Environmental Working Group,

Center for Food Safety, Organic Consumers Association, ETC Group, Natural Resources Defense Council, and Center for Genetics and Society among many others often oppose 'disruptive' resources that can make farming more sustainable, rid us of disease-vectoring pests, and open the door to biomedical breakthroughs.



And we're not afraid of taking on major media outlets that process science through a political lens.



8 advocacy organizations and websites spreading misinformation about technology, chemicals, food and environmental risk



Research integrity, and why bad science in biomedicine and agriculture has become such a problem



The world faces 'pollinator collapse'? How environmental advocates and the media get the science about the 'bee-apocalypse' wrong time and again

GLP Dissects Web of Activists and Donors Funding Science Rejectionism

The *Global Gene Editing Regulation Tracker and Index* summarizes gene editing regulations in agriculture, biomedicine and gene drives country-by-country, laying out each country's regulatory timeline. The tracker notes which products are in development. It also monitors attempts by advocacy NGOs to block these innovations, and highlights scientists and public interest groups pushing back to give this technology a chance.

The tracker includes a companion tool, the *Gene Editing Regulation Index* that turns the information in the tracker into a quantifiable index that allows for an informative comparison among countries, showing which are more or less conservative in setting up flexible regulatory structures to positively exploit this revolutionary technology.

BILL & MELINDA GATES foundation

"GLP has developed interactive tools to track and index gene editing and gene regulations across the world to illuminate how regulations can encourage or hinder innovation. The platforms monitor attempts by various NGOs, public interest groups and scientists to block these innovations from developing."

RATING BY COUNTRY / REGION

Click each column header and arrow to sort the countries / regions

Country / region	Food / Crops	Animals	Ag Rating
Brazil	10	10	10
Argentina	10	10	10
Paraguay	10	10	10
Japan	8	8	8
Canada	8	8	8
Australia	8	8	8
Israel	10	5	7.5
US	10	4	7
Central America	6	6	6
Uruguay	6	6	6
India	6	6	6
Chile	10	1	5.5
Colombia	10	1	5.5
Russia	5	5	5
China	5	5	5
New Zealand	4	4	4
UK	2	2	2
EU	2	2	2
Ukraine	1	1	1
Mexico	1	1	1



Who is David and who is Goliath in the battle over agricultural biotechnology? Environmental advocacy groups? The biotechnology industry? Scientists and researchers? In a commitment to transparency, the GLP mapped contributions by foundations to anti-biotech activists and compared it to pro-GMO industry spending.

We found that anti-groups spend more than 10 times more distorting the science than corporations spend in product development, marketing and lobbying combined. Anti-GMO propaganda is contrary to the scientific consensus that GMO and gene editing technology are safe.

Our research also shows that some of the most prominent foundations, which generally support mainstream science,

also fund organizations that aggressively oppose the scientific consensus on GMO safety—in other words, they are promoting science illiteracy and denialism.

Anti-GMO Advocacy Funding Tracker



GLP Educational Outreach and Influence

The GLP has emerged as an essential educational resource at schools and universities around the world. In the past year alone, more than 200 educational institutions have connected directly to the GLP page and resources as part of curriculum assignments.

- Aalborg University, Denmark
- Academy of Art University, San Francisco
- Aims Community College, Colorado
- Albany Medical College
- American University of Kuwait
- Babson College
- Baptist University
- Beaver School, MA
- Belmont University
- Binghamton University
- Bloomsburg University
- Brigham Young University
- Britannica School
- Brownsburg, IN Community School District
- California State University-Channel Islands
- California State University-Long Beach
- California State University-Northridge
- California University of Pennsylvania
- Cal Poly Pomona
- Centennial College, Toronto
- Central Michigan University
- Central New Mexico Community College
- Central Oregon Community College
- Chowan University
- City University of New York
- Charles R. Drew University of Medicine and Science
- Clark College
- Classroom Google
- Clemson University
- Cleveland Metro School District
- College of Western Idaho
- Cornell University
- Corpus Christi College
- County College of Morris (NJ)
- Culinary Institute of America
- Davis Joint Unified School District
- Davidson University
- Duke University
- Durham College
- Eden Prairie, MN Schools
- Elon University
- Everglades University
- Franciscan University
- Franklin University, Switzerland
- Georgia Gwinnett College
- George Gwinnett College
- George Mason University
- Grand Canyon University
- Greenwood Schools, Millerstown, PA
- Harper College
- Harvard Medical School
- Harvard University
- Hamline University
- Henry Food College
- Huntington University
- Indiana State University
- Illinois Mathematics and Science Academy
- Illinois State University
- Johns Hopkins University
- Lake Superior State University
- Lane Community College
- Lenoir Community College
- London School of Economics and Political Science
- Long Island University
- Los Angeles Unified School District
- Loughbrough College
- Louisburg College
- Maastricht University, Netherlands
- MacEwan University
- Marian University
- Middle Tennessee State University
- Misericordia University
- Mitchell Community College
- National Agriculture in the Classroom
- National University of Singapore
- New York Times Learning Network
- Newton, MA Public Schools
- Normandale Community College
- Northern State University
- Northern Illinois University
- Northwest Missouri State University
- Northwestern University
- North Carolina State University
- The Open University, UK
- Oakton Community College
- Ontario Tech University
- Oral Roberts University
- Pequea Valley School District, PA
- Palm Beach State University
- Palo Alto Unified School District
- Prince Georges Community College
- Penn State Huck Institutes of the Life Sciences
- Penn State University
- Peru State College
- Portland Community College
- Point Loma Nazarene University
- Rasmussen University
- Riverside, BC Secondary School
- Rocky View, AB Schools
- San Angelo Independent School District
- Santa Rosa Junior College
- Salk Institute
- Seneca College
- Sinclair College
- St. Bonaventure University
- St. Louis Community College
- St. Michael's University School, Canada
- St. Paul's School, MD
- St. Joseph's University
- Stanford University
- South Dakota Public Universities (Black Hills State, Dakota State, South Dakota School for the Blind and Visually Impaired, South Dakota School for the Deaf, University of South Dakota)
- Swedish University of Agricultural Sciences
- T. Colin Campbell Center for Nutrition Studies
- Texas Tech University
- Texas Performance Standards Project
- Trident University
- Trinity College, South Australia
- Triton College
- Universidad del Rosario, Columbia
- Universidad San Francisco de Quito, Ecuador
- Université de Lille, France
- University of Arizona
- University of Arkansas
- University of British Columbia
- University of Connecticut
- University of California, Davis
- University of California, Los Angeles
- University of California, San Diego
- University of California, Santa Cruz (Science Justice Research Center)
- University of California Press
- University of Florida
- University of Georgia
- University of Halle-Wittenberg, Germany
- University of Houston, Downtown
- University of Illinois
- University of Macau
- University of Memphis
- University of Maryland Global Campus
- University of Melbourne
- University of Minnesota
- University of Nevada
- University of New England
- University of Notre Dame, Australia
- University of Oxford
- University of Puerto Rico
- University of Puerto Rico, Aguadilla
- University of Regina
- University of Rhode Island
- University of Texas
- University of Texas, El Paso
- University of Texas, Rio Grande Valley
- University of Toronto
- University of Toronto Mississauga
- University of Turin
- University of Vermont
- University of Virginia
- University of Washington Libraries
- University of Waterloo
- University of Wisconsin
- University of Wollongong, Australia
- Uppsala University, Sweden
- Vermont State Colleges System
- Virginia Commonwealth University
- Washington State University
- Wake Tech
- West Coast University
- Western Kentucky University
- William Patterson University
- Winthrop University
- Winston-Salem Forsyth County Schools
- Yale University
- York University



Nigel Brown, Council Member, The Royal Society of Biology Emeritus, Professor of Molecular Microbiology, The University of Edinburgh, Edinburgh, Scotland

“ I find GLP an excellent source of information, allowing me to explain scientific developments and concerns in a manner readily understandable by the generalist reader. Issues such as vaccination, food labelling, GM crops, organic foods, glyphosate and neonicotinoids are outside my own area of research expertise. To be able to obtain up-to-date information without having to trawl through the primary literature, but to seek it where necessary, has been marvelous. Keep up the great work!



Randy Oliver, Bee Keeper,
Editor/founder of ScientificBeekeeping.com
Grass Valley, CA

"In this day of extreme views and misinformation, I applaud you for doing such a good job at presenting 'the other side' on many issues. You support your assessments/opinions with evidence, and don't take an extreme view. Your blogs are good food for thought, rather than being echo-chamber extremism (which is so unfortunately practiced by far too many these days). Keep up the good work!"



Mack Johnson,
@Mackiavelli95

"I used to believe that GMOs were dangerous, but then I discovered the Genetic Literacy Project."



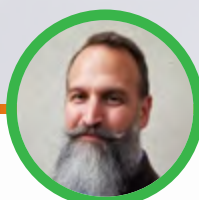
Sylvia Wulff, CEO AquaBounty

"We support the work you are doing with GLP and want to make sure we support as best we can. Thank you for all you do!"



Luis Barnola,
Senior Agriculture Advisor,
Global Affairs Canada
Gatineau, Quebec, Canada

"Thank you for your excellent work!"



David Northmann, Terramera
San Francisco, CA

"Thank you for your important work at the Genetic Literacy Project!"



Fred Behringer, Chemist
Old Lyme, Connecticut

"It was great to see the podcast with USDA Secretary Perdue. It's good to see the GLP gain wider recognition, and I hope that continues to grow. I will continue to find opportunities to speak and write about GMOs and the GLP is an important resource for me. The GLP is a great organization and an important one. Thank you."



Peggy G. Lemaux,
Plant and microbial biologist,
University of California, Berkeley
Berkeley, California

"I always try to give my support to GLP. I read it religiously and my outreach group also uses GLP frequently. I try to get them to critically review a lot of the hot topics in the same way they do their research. And it is working. Thank you GLP for your efforts."



JoAnn Diethrich, Walnut Farmer, Gridley, CA

"GLP is really great! I like that you are getting more articles to expose the pervasive ideology that organic and only organic is acceptable food production...such group think...even my city relations love to get a box of walnuts from me and always ask "Is it organic?" My reply is always: "if I farmed organically, I wouldn't have a large enough crop to give you any" and it would be sprayed, maybe multiple times with product.... not healthy but "natural." And then I explain the process by which pesticides are allowed to be applied in CA. They are always amazed, skeptical and a little uncomfortable with the knowledge. I tell everyone I talk to about GLP....so keep up the good work....the very necessary work. I tell everyone to do their homework."



Robert Murray, Human Nutrition,
College of Education and Human
Ecology, Ohio State University
Columbus, OH

"A good way to keep up with the whole field of genetic modification for biotechnology, nutrition, health and agriculture is to follow the Genetic Literacy Project."



Phillip Wilcox, Forestry Specialist,
Department of Mathematics
& Statistics, University of Otago,
Dunedin, New Zealand

"I strongly support what GLP does and I often post links to articles in a private facebook page for indigenous (New Zealand) Māori genetics folks."



Jan Mueller, Tucson, AZ

"Thank you! Your coverage of COVID-19 has been great. I look forward to GLP emails everyday. Keep up the great work."



Frances Tucker Manns,
Geologist, Artisan Geological
Research, Toronto, ON

"A good site to monitor...terrific..."

"Hi! I love the work the GLP does, educating people on GMOs and researching ways it can benefit people and the environment. It saddens me to see so many groceries proudly carrying "Non-GMO Project Verified" seals, and it's getting hard to avoid whenever I go shopping. So this year, I've been keeping track of every item I buy that has that fearmongering label on it, and adding them up. At the end of the year, I will match the total money I spent on Non-GMO Project labeled items in a donation to your organization."

— GLP Reader

GLP Boards and Advisors

GLP Board



Mahaletchumy Arujanan

Global Coordinator of the International Service for the Acquisition of Agri-biotech Applications (ISAAA) and the Executive Director of Malaysian Biotechnology Information Centre (MABIC)



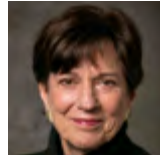
Mary J. Boote (Roth)

CEO of Global Farmer Network (formerly Truth About Trade and Technology)



Jon Entine

GLP Founder, Executive Director. Former network TV news producer/executive; author; print journalist focusing on ethics, sustainability and genetics; former professor and think tank scholar.



Nina V. Fedoroff

Emeritus professor in molecular biology, Penn State University, former president of the American Association for the Advancement of Science



Ronald E. Kleinman, M.D.

Physician-In-Chief, MassGeneral Hospital for Children, Boston, MA; Charles Wilder Professor of Pediatrics, Harvard Medical School.



Ben Locwin

President Healthcare Science Advisors, PhD in behavioral neuroscience, MBA, MS; former director of Biogen



Matt M. Winkler

Former associate professor cell and molecular biology, University of Texas, chairman and founder of Asuragen and Ambion; chairman of the Winkler Family Foundation



Laurie Zoloth

Senior advisor to the Provost for Social Ethics at the University of Chicago Divinity School and Margaret E Burton Professor at the University of Chicago

Editorial Advisors



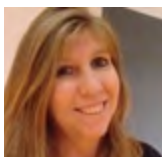
Drew Kershen

Professor emeritus University of Oklahoma College of Law, agricultural biotechnology



Robert L. Thompson

Professor emeritus at the University of Illinois at Urbana-Champaign; Former Dean of Agriculture at Purdue University



Kathleen Hefferon

Instructor of microbiology, Cornell University; Fulbright Canada Research Chair of Global Food Security; former visiting professor at the University of Toronto

Advisors Who Helped Launch the GLP



Kevin Davies

Executive Editor, The CRISPR Journal; founding editor of Nature Genetics; former editor of Bio-IT World; former publisher of Chemical & Engineering News



Elizabeth Finkel

Editor-in-Chief of COSMOS magazine (Australia), PhD in biochemistry



Geoffrey Kabat

Cancer epidemiologist and author; former faculty member at Stony Brook University School of Medicine and Albert Einstein College of Medicine



Gary L. Kreps

Chair, Department of Communication, George Mason University



Henry Harpending

(deceased) Professor of Anthropology, University of Utah; Co-founder of Kalahari People's Fund



Caroline Lieber

Director emeritus of Sarah Lawrence College's Joan H. Marks Graduate Program



Ariella Oppenheim

Professor Emeritus, Hebrew University-Hadassah Medical School; Steering committee of the Israeli National Center for Gene Therapy



Sharon Terry

President, CEO, Genetic Alliance, a network of thousands of genetic disease-specific advocacy organizations



Chavali Kameswara Rao

Executive Secretary, Foundation for Biotechnology Awareness and Education

GLP Staff



Jon Entine

Executive Director

Former network TV news producer/executive; author; print journalist focusing on ethics, sustainability and genetics; former professor and think tank scholar



Cameron J. English

Managing Editor

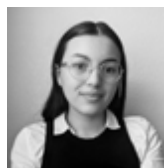
Science writer, editor, and co-host of GLP's Science Facts and Fallacies podcast



Dale McGowan

Social Media Editor

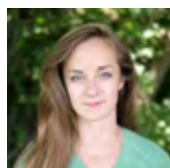
Founding executive director of Foundation Beyond Belief, world's largest humanist philanthropic organization



Anne Nesathurai

Social Media Director and Human Genetics Editor

GLP Daily Digest Editor, and responsible for social media implementation across Facebook and Twitter



Kayleen Schreiber

Infographics and Data Visualization Specialist

Visual design editor with a PhD in neuroscience. Focus on science literacy, agricultural sustainability and technical communication

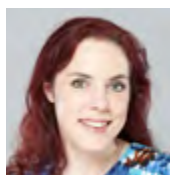


Brian Muia

Director of Finance, Advisor to the Board

CPA at Loblolly Solutions, member of the American Institute of Certified Public Accountants

GLP Key Contributing Writers



Kat Arney

Senior Contributor

Podcast director, UK-based, with PhD in biomedical sciences, genetics and mammalian development



Marc Brazeau

Senior Contributing Columnist

Food politics, sustainable agriculture and nutrition expert



Steven E. Cerier

Contributing Columnist

International economist and analyst focusing on financial transparency and governance and with a special interest in agriculture



Angela Dowden

Contributing Columnist

Food science and nutrition expert and member of the Association of Nutrition (UK)



Kevin M. Folta

Senior Contributor

Professor of Horticultural Sciences at the University of Florida, winner of CAST Borlaug Award



Ricki Lewis

Senior Contributing Columnist

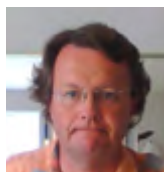
Science writer with PhD in genetics, author of numerous popular and text books on genetics



Samuel Moxon

Contributing Columnist

Biomedical engineer with PhD in tissue engineering and expertise in regenerative medicine



Andrew Porterfield

Contributing Columnist

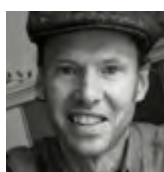
Science writer and former PIO for the Salk Institute and the University of California-Irvine



Luis A. Ventura-Martinez

Contributing Columnist

Biology PhD with expertise in biosafety, biotechnology and science communication, and fellow at Cornell's Alliance for Science



Patrick Michael Whittle

Contributing Columnist

Science writer focusing on the ethical and political implications of genetic technology and evolutionary biology

GLP Financial Information

EXPENSES	FYE 2019	FYE 2020
Labor Core & Benefits	\$508,884	\$377,264
Labor freelance	\$48,956	\$123,326
Digital Expenses	\$50,407	\$65,567
General and Admin	\$87,171	\$47,698
Total Expenses	\$603,070	\$613,855

REVENUE AND SUPPORT	FYE 2019	FYE 2020
John Templeton Foundation	\$267,687	\$267,687
Winkler Family Foundation	\$120,000	\$180,000
Charles Koch Foundation, Technology & Innovation Group	\$68,500	\$68,500
The Bader Family Foundation	\$10,000	\$10,000
DKT Liberty Foundation	-----	\$80,000
Lounsbery Foundation	-----	\$60,000
Donors Trust	-----	\$25,000
Kayser Family Foundation Fund of the DuPage Foundation	-----	\$20,000
Charles Ohrstrom	-----	\$17,000
AquaBounty	-----	\$5,000
Perry Hackett	\$5,000	\$5,000
The Modzelewski Charitable Fund	\$2,500	\$2,500
Peter Treadway	\$2,500	\$5,000
Individual donations	\$10,861	\$14,911
Total Contributions	\$487,046	\$735,598
Investment Income	\$1,807	\$5,585
Total Revenue and Support	\$488,853	\$741,183

NET ASSETS	FYE 2019	FYE 2020
Change in Net Assets	(\$114,217)	\$127,280
Cash on Hand	\$487,046	\$510,308





Genetic Literacy Project

SCIENCE NOT IDEOLOGY

Science Literacy Project/Genetic Literacy Project
909 Dayton St., Cincinnati, OH 45214
(410) 941-9374

