# 2023-2024

**YEAR IN REVIEW** 





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he past year has been one of epic change for EHT. The organization I founded in 2007 has achieved a level of maturity that has enabled me to hand over the reins to a new set of leaders. While I am stepping away from the presidency to become a senior fellow — and will continue to serve on EHT's board of directors — I am confident the new executive team will deftly manage our transition and make incredible impacts like those achieved to date, particularly over the past year.

The top highlight of this past year is undoubtedly the fourth Expert Symposium on EMFs, which EHT held at Yale University's Medical School in June. This impactful three-day event, held with support from the International Commission on the Biological Effects of Electromagnetic Fields (ICBE-EMF), brought together scientists, doctors, and engineers from nine countries to discuss invaluable new studies in multiple fields. Their findings will be published next year in a special issue of Frontiers in Public Health, and the excitement generated from the meeting will surely lead to an expanded conference in the future.

Thanks to the efforts of our relentless former executive director, Theodora Scarato, we uncovered through a FOIA request significant evidence that the Federal Communications Commission (FCC) withheld results about its own cell phone testing information that was omitted during our successful 2021 lawsuit against the FCC. The revelations will play a significant role, especially as we seek further action from the federal court to demand accountability from the regulatory agency, which has yet to respond to the court's order to explain its decision to forego updated rulemaking on cell phone safety.

We also made great strides in our efforts to educate law and policymakers. Shifting the burden to demand that telecommunications firms compete on safety, we submitted multiple filings and testimony to state agencies developing new rules to implement broadband and equitable distribution of internet

access. Elsewhere, we have had great outcomes in our Safe Tech in Schools pilot program, which we hope to replicate in other communities.



After extensive additions and

expansion, we released a new and updated version of my 2011 book, Disconnect. The reissue focuses on scientific solutions for safer technology. We received much praise during my book tour, which will resume in the coming months. Disconnect also earned an Apex Award for publication excellence.

Finally, I am thrilled by our new leadership: President Kent Chamberlin, the chair emeritus of the Department of Electrical Engineering at the University of New Hampshire; Vice President for Scientific Research and Clinical Affairs Dr. Rob Brown, a radiologist and author of *Toxic Home*, Conscious Home; and Vice President for Regulatory Affairs and General Counsel Joseph Sandri, a former telecommunications executive, president of the National Spectrum Management Association, and a lawyer who has unmatched insight into the technical and legal aspects of the wireless industry.

All these changes have been supported through the efforts of our new Vice President of Operations Sharon Kehnemui, who is managing the day-to-day logistics that allow the team to pursue important new initiatives. While Theodora has resigned from EHT, the footprint she left is large and will be used to great effect. We wish her well in her next endeavors. Meanwhile, I am excited for more changes to come and am grateful for the growing recognition of the effects of wireless radiation and new efforts to remediate exposures. Thank you for your continued support. We cannot do it without you.

Dr. Devra Lee Davis, PhD, MPH Founder and President Emerita

#### **EMF EXPERT** SYMPOSIUM AT YALE

On June 4-6, Environmental Health Trust convened the fourth in its series of expert symposia to discuss the implications of human exposure to anthropogenic electromagnetic radiation. In recognition of the wider aspects of this problem, this year's meeting also looked at the impacts on wildlife and policy of the cellular industry. Previous symposia — in Tel Aviv in 2020, Jerusalem in 2017, and Istanbul in 2011 had focused on the growing body of science that has accumulated demonstrating deleterious effects on biology and human health.

By 2024, the time had come to review how the science can impact society. The invitationonly meeting featured two days of cuttingedge reports from established leaders in their respective scientific fields, including toxicologists, epidemiologists, wildlife biologists, pediatric and fertility specialists, biophysicists, and electrical engineers as well as EHT's general counsel, Joe Sandri. The questions included whether it's time to revise or replace SAR, how to build opportunistic public health studies, and policy options at the federal, state and local level to promote regulatory accountability to





ensure protection for humans, wildlife, and the environment.

A unanimous conclusion reached by the participants was the need to increase the scale of these discussions among scientists in these critical fields of study. Larger scale meetings can become the stepping stone to the formation of a new scientific community, especially among younger experts, dedicated to increasing top-notch scientific research on the question of exposures to anthropogenic electromagnetic radiation. This would mean "morphing" these meetings into full-fledged open conferences wherein research teams can bring and introduce young researchers and future policymakers.

The abstract book of the meeting can be read on the conference website.



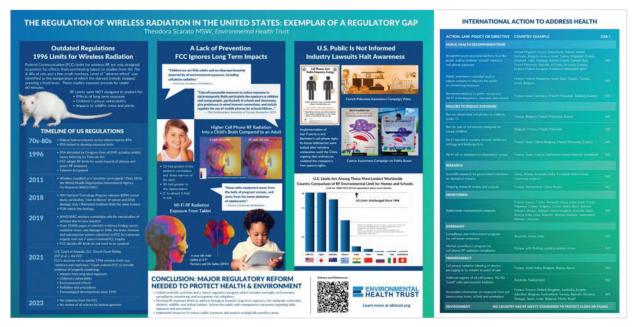
#### **SCIENTIFIC PUBLICATIONS**



Ben Ishai Paul, Baldwin Hillel Z, Birnbaum Linda S, Butler Tom, Chamberlin Kent, Davis Devra L, Scarato Theodora, Taylor Hugh (2024). Applying the Precautionary Principle to Wireless Technology: Policy Dilemmas and Systemic Risks. Environment: Science and Policy for Sustainable Development. 66:2, 5-18.

#### **CONFERENCES AND APPEARANCES**

- School Nurses Conference, December 2023
- APHA 2023 Annual Meeting and Expo, November 2023
- International Mistletoe Conference, November 2023
- Collegium Ramazzini 2023 Conference, October 2023
- International Conference on Digital Health and Telemedicine, September 2023
- Digital Media and Developing Minds, September 2023



Poster Presented at APHA

On a variety of fronts — federal, state, local, and international — EHT advanced legal, regulatory, legislative, and public policy initiatives aimed at encouraging policymakers to measure and recognize that a toxic radiation environment exists and needs to be improved for better public health, and to require the telecommunications industry to compete on safety.

#### **HIGHLIGHTS**



- FOIA revelations: Environmental Health Trust FOIA Project - Environmental Health Trust - In April, EHT revealed that the Federal Communications Commission (FCC) hid test results showing that radiation exceeded federal limits when smartphones were in close proximity to the human body, such as in a pants pocket. The FCC evidently failed to disclose this information to the U.S Court of Appeals for the D.C. Circuit.
- Written Statement to Senate Commerce, Science and Transportation Committee on Spectrum and National Security.
- Meetings with lawmakers, including September 2023 meeting with 2024 vice presidential candidate J.D. Vance.
- Comments on the Electrical Power Capacity Upgrade Project at Los Alamos National Laboratory (DOE/EA-2199).
- FDA Pediatric Advisory Committee Testimony, September 19, 2023.
- Ashland Oregon Mayor Tonya Graham said she would inquire to the FCC about its failure to respond to the federal court's remand after the city passed an ordinance on tower siting.
- Stamford, CT voted down AT&T's tower siting proposal after testimony by EHT experts.



#### SHAREHOLDER MOTIONS

Tesla and Alphabet (Google parent company)

EHT filed in support of two shareholder motions with Tesla and Alphabet. The motions were offered to change the companies' practices to recognize harmful radiation that could be caused by their products and purposes and to pursue a path to reduce those harms.

EHT's positions were successfully filed, which required a considerable amount of time and substantial restructuring to make EHT's incorporated nonprofit status meet baseline criteria for federal filings required by the Security and Exchange. The effort has enabled EHT to create a baseline model for future shareholder motion campaigns.



Tesla's Response



Alphabet: Stockholder Proposal Requesting a Report on

**Electromagnetic Radiation and Wireless Technologies Risks** 

## ADVISORY AND PROFESSIONAL OUTREACH

In November, EHT was approached by a professional association to provide expertise on the infrastructure to support Unmanned Aircraft Systems Traffic Management.

EHT's team was able to offer guidance on charting a course for developing best practices. This is an example of the type of professional



guidance EHT can give to help companies offramp unsafe practices and on-ramp safe practices.

## NATIONAL SPECTRUM MANAGERS ASSOCIATION 2024

EHT's Kent Chamberlin and Devra Davis spoke on a panel, Competing on Safety, The New Frontier for Spectrum Management, at NSMA's 39th annual spectrum management conference in Washington, D.C. The event was attended by FCC, NTIA, DOD, and other federal officials as well as wireless industry representatives. NSMA was formed 40 years ago in response to a federal government request to develop guidelines on identifying and mitigating harmful radiofrequency interference among devices, networks, and humans. It was the first time industry representatives and the government together focused on developing pro-safety-oriented practices and guidelines going forward.



#### WILDLIFE PROJECT

EHT had several major successes in its collaborative campaign to ensure EMFs are included in strategies to protect biological diversity.

• We launched the new website, WildlifeandWireless.org, which earned more than 60,000 views and 264,000 interactions in its first seven months.



- We submitted **comments** and **testimony** to Canadian authorities as the country moves toward a new national biodiversity strategy.
- We provided technical comments on Phase II of National Environmental Policy Act (NEPA) rulemaking. In May, the White House Council on Environmental Quality (CEQ) published its final rule to amend its NEPA implementing regulations. These procedures will require the FCC to significantly revamp its rules in several ways.
- We provided testimony to the Montgomery County, Maryland State Delegation Fall Priorities Conference on the need for policy to protect wildlife.
- We worked with wildlife experts Albert Manville, Henry Lai, and Blake Levitt to develop recommendations for policy steps to address regulatory gaps on environmental impacts from EMFs. These recommendations will be included in the journal publication emerging from the 2024 Yale symposium.

#### SAFE TECH IN SCHOOLS

In December 2023, EHT launched a pilot program in Petaluma, California, to stop the illegal installation of a cell tower on a high school campus. We helped coordinate a group of concerned parents and teachers to push the school district to enact a cell phone policy. The results have led to further meetings with an IT member at a charter school on routers and RF radiation. In the process, we also helped educate a city councilmember in nearby Pinole on enacting a strong wireless ordinance, and are now working on a presentation to the city council. The outreach has been effective, encouraging EHT to create a template that can be replicated in other communities.

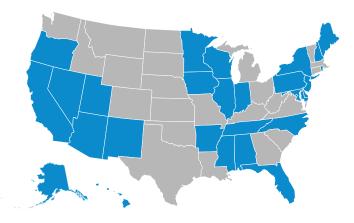
#### Additional communications to protect children and faculty on school grounds:

- November 13, 2023: Cell Tower Radiation Health Letter 2023 to the Ontario Minister of Education.
- November 14, 2023: Cell Tower Radiation Health Letter 2023 to the Williamson County Board of Commissioners.
- Letter to the Massachusetts Joint Committee on Education.

#### **ENVIRONMENTAL JUSTICE**

As EHT meets with public officials on the federal, state, and local level, we are working to offer insights into legislation that will not only protect humans, wildlife, and the natural world, but that serve environmental justice. We recommend that cell phones be powered down rather than just put away in classrooms to reduce EMF exposures. EHT has submitted statements to over 30 states to inform their decisions on Broadband **Equity Access and Deployment** infrastructure funding decisions. This program was part of the Inflation Reduction Act. We are asking states to ensure the \$42-45 billion federal BEAD grant funds are only used for wired communications all the way to homes and businesses instead of being diverted to wireless infrastructure.

EHT also submitted comments to nine states regarding their Digital Equity Plans, which are supposed to ensure that rural and lower income communities that lack access to high speed internet can get it safely, and we are working on equity issues with the Los Angeles County Commission on Disabilities to amend the Wireless Facilities Ordinance to accommodate individuals with EHS.



33 states and territories received testimony from EHT on BEAD funding.

Territories: Guam, Puerto Rico, US Virgin Islands

#### **HEALTHY TECH HOMES**





HealthyTechHome.org was built to assist families in reducing exposures to EMFs in their homes and workspaces. We have completed an email sequence to provide individuals who sign up for the newsletter with alerts and valuable tools. The most visited page on the website is a resource on how to connect a computer to the internet without using wi-fi. This simple guidance is creating more hygienic homes for children and their parents.

In January, EHT published the new, expanded, and updated edition of *Disconnect*, the astonishing book by Dr. Davis that was originally published in 2010. Referencing a formidable bibliography of new studies that substantiate and confirm the radiation risks of the "connected world," the new release offers extensive guidance on safety measures that anyone can take to protect themselves from radiation exposures caused by cell phones, other microwave-emitting devices, and the 5G network currently being built-out. Now available on Amazon and other online bookshelves, Disconnect: A Scientist's Solutions for Safer Technology is the premiere go-to guide for understanding the problem and implementing simple and reasonable solutions.



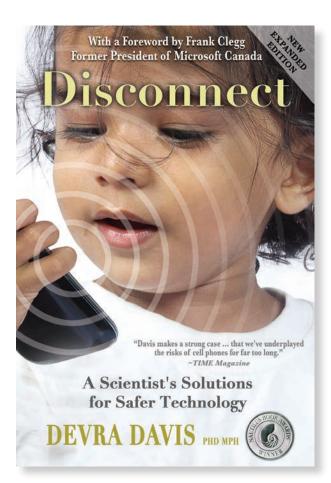
Won an Apex Award for publication excellence.

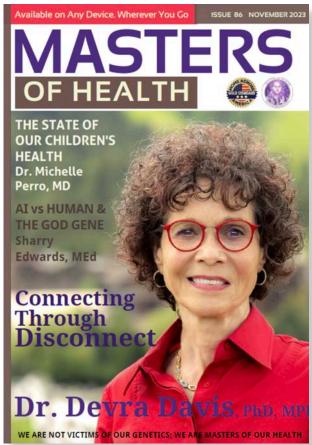


Three live book signings in Jackson, Tucson, and Asheville, with more to come.



Featured on several news outlets, including Masters of Health Magazine, Green Street News, August Brice podcast.





#### EHT ASSISTED IN BRINGING RESOURCES TO DOZENS OF COMMUNITIES



EHT sponsored the Manhattan Community Board 9's Health Forum at Columbia University where Wired Broadband and New Yorkers 4 Wired Tech handed out literature on EMFs and demonstrated RF meters to make the invisible visible for participants.



EHT's hometown of Jackson Hole was the first to pass a cell phone safety resolution and has been the incubus for model educational programming. At the annual Old Bill's Fun Run, produced by the Community Foundation of Jackson Hole, EHT spoke to dozens of individuals and families about the impacts of EMF.



With the help of Safe Living Technologies, EHT is able to offer libraries a discounted price to purchase EMF meters for members of the public to borrow so they can test for themselves radiation levels at home.

#### KIND WORDS

Your tireless efforts are educating and countering the dogma out there on this is definitely not unnoticed. I'm so grateful that you are there to help in this fight. May God bless you. - Antonella

"Bless you for all of your work. I don't think you receive enough credit for all you do. Future generations of healthy kids should know your name.

- Suzanne

"Thank you Environment Health Trust for providing invaluable information which enables grassroot, nongovernmental organizations (NGO), like Canadian Educators for Safe Technology, to advocate for and implement safe technology in their communities. - Shelley

"I send the EHT information out to everyone I know. I believe someday the extreme moves to a wireless world will be denounced by an educated public. Your wonderful organization and diligent efforts will likely be the reason. - Kay

#### ON THE RECORD WITH OM GANDHI

EHT's new Vice President of Scientific Research and Clinical Affairs Dr. Rob Brown was pleased to interview Professor Om Gandhi, a pioneer of wireless communications — and major contributor to the field of EMF safety. In a three-part series produced by EHT, Dr. Gandhi offered his take on cell towers, the telecom industry, and where the future must go to address wireless safety.







#### **OTHER ISSUES**

While EHT focuses a lot on EMFs, we are also concerned with other environmental toxins and have worked with allies on several other matters of concern.



#### **AIR POLLUTION**

Opposition to Teton County, Wyoming's consideration for permitting an air curtain burner incinerator.



#### **LEAD CONTAMINATION**

Support for replacement of lead-contaminated pipes in California schools.



#### **PESTICIDES**

Support for stronger statewide notification of agricultural use of pesticides in California.

More than four dozen articles, podcasts, and stories featured EHT and its representatives, including



"How policy approaches radiation exposure," June 22, 2024, Albuquerque Journal

"Cover Story: 5G," May 19, 2024, Full Measure

"Social Impact Heroes: Why & How Dr. Devra Davis of Environmental Health Trust Is Helping to Change Our World," April 6, 2024, Authority Magazine

"Butler County resident fighting to keep Verizon from installing cell phone tower near property," May 14, 2024, CBS Pittsburgh

"Are You Concerned About Your Health? Then You Need to Know About EMFs," October 12, 2023, Kathryn For Real Podcast

"Radio Frequency Regulations Unchanged Despite Environmental, Health Hazards," February 21, 2024, Environment and Energy Leader





"Wi-Fi and Other EMFs May Be Linked to Infertility and Miscarriage: Scientists," August 16, 2023, The Epoch Times

"We cannot ignore the dangers of radiation in our national parks," July 29, 2023, The Hill

HT is a quite different organization than it was a year ago. We have reorganized to bring new talents and energies, which provides us the opportunity to rethink our mission and our priorities.

While we sustain our ongoing efforts to remove toxins from the environment, particularly toxins relating to wireless radiation, we are moving into areas that will produce strategic and significant impact. In short, we are focused on making the invisible visible.

EHT has always committed first to unparalleled and irrefutable science. With the addition of Dr. Rob Brown as our vice president of scientific research and clinical affairs, we are collaborating with scientists and medical professionals to develop scholarly proposals that will bring in funding for future research. Dr. Brown is himself working on short-term high-impact research studies, like the effects of cell phones on blood flow and coagulation. We are also dedicated to producing clinical protocols for medical professionals, particularly nurses, who are closest to patients and must be able to recognize symptoms of acute cell phone exposure.

An additional and equally important priority is the legal repercussions of our work. With two new lawyers on board, Joseph Sandri, who is our new vice president of regulatory affairs and general counsel, and legal fellow Zoe Berg, we have greater resources to assist in advising the 42 state attorneys general who are suing cell phone companies for their addictive behavior model and its deleterious impacts on children. Added to the mental and behavioral components of this

addiction is the physical impact on our children. Uncovering and reducing this impact is core to EHT's mission. Fortunately, a number of legal and political figures are increasingly interested in the evolving judicial and regulatory cases that



EHT has helped bring to the fore, and we are steadfast on ensuring they are knowledgeable about the nuances underpinning this issue.

Though our longtime executive director, Theodora Scarato, is no longer with us, her breathtaking educational outreach has laid the foundation for scaling our assistance to communities worried about cell towers, property values, safe schools, and protections for wildlife and the environment. Theodora's shoes will be hard to fill but we are zeroing in on a new leader to take over this essential role.

As we grow our presence, we are mindful of other organizations in the wireless radiation arena and look forward to future collaborations to expand the science, close the regulatory gaps, and educate the public. Given all that we have going for us, we are poised to leverage our expertise to achieve meaningful outcomes in the years to come. We appreciate and welcome your support.

Kent Chamberlin, PhD President

### **2023-2024 EHT BY THE NUMBERS**



**INSTAGRAM** 

74,057
PEOPLE REACHED

21.8%
INCREASE FROM
LAST FISCAL YEAR



**FACEBOOK** 

**12,713,161**PEOPLE REACHED

159.7%
INCREASE FROM LAST FISCAL YEAR



\$96.10

Average
Contribution
Amount From
Small-Size
Donations



### **YOUTUBE STATS**

**13,101**SUBSCRIBERS

**7,571** SHARES

947 TOTAL VIDEOS **7,868.3** HOURS OF WATCH TIME



# TOP YOUTUBE VIDEO FEATURING EHT

University of Melbourne's
The Truth About
Mobile Phones and
Wireless Radiation
— Dr. Devra Davis

6.5 Million

## **TOP THREE VIDEOS ON EHT'S YOUTUBE CHANNEL**



**AirPods Emit How Much Radiation?** 

**86,457** 

1

1077.6 hours
WATCH TIME



Wildlife Is Impacted by Wireless Radiation

**41,606** VIEWS

3

**621.7 hours**WATCH TIME



Health, Policy, Legal Issues of 5G and Cell Towers to Stamford Board of Reps Land UseCommittee

**4,055** 

2

**995 hours** WATCH TIME

### 2023-2024 EHT BY THE NUMBERS

# EHTRUST.ORG Page Views

**170,254** TOTAL

**563,809** TOTAL EVENTS



12,529

# Website Views Through June 30, 2024



9

# of countries represented at the 2024 Expert Symposium on EMFs held at Yale University



17,411

Newsletter subscribers



# TOP EHT WEBPAGE (June 30, 2024)

Health Effects of Cell Tours Near Homes and Schools

**12,484** 



**74** 

# of bills introduced in Congress this year that would increase environmental wireless radiation



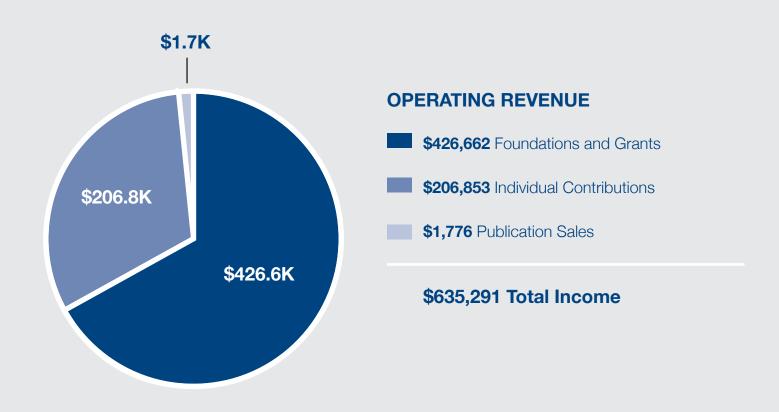
3

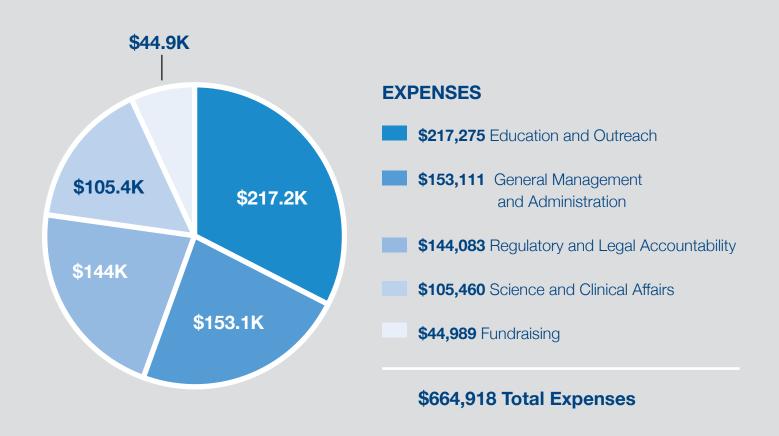
# of years since the FCC was ordered by a federal court to explain its decision to not update its 1996 safety standards

33

# of times Environmental Health Trust submitted documents to the FCC record throughout the year

## **2023-2024** FINANCIAL STATEMENTS (JUNE 30, 2024)





#### **BOARD OF DIRECTORS**



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Theodora Scarato MSW **Former Executive Director** 

Many thanks to Theodora Scarato, our long-time executive director, who gave 10 years of selfless service. We wish you well in your next endeavors.

# **OUR VISION**

A thriving world where technology is both state-of-the-art and safe for all.

## **OUR MISSION**

To safeguard human health and the environment by empowering people with state-of-the-art information.



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