

NIEHS Office of Communications and Public Liaison (OCPL)

February 2022

Public Information and Outreach

Environmental Factor

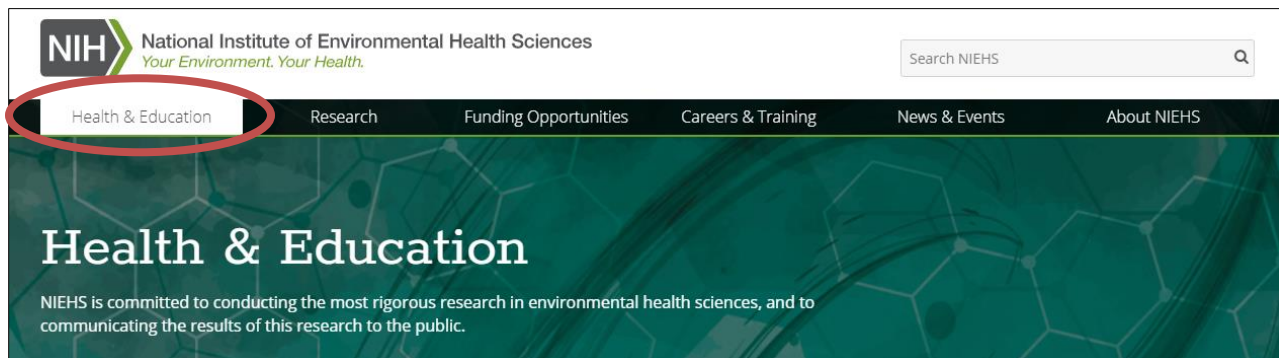
Led by Christine Flowers, our team for producing the institute's award-winning monthly newsletter includes:

Editor-in-Chief: [Jesse Saffron](#) | Science Editor: [Robin Arnette](#) | Photo Editor: [Joe Poccia](#)

Be sure to [subscribe](#) if you haven't already.

Online Environmental [Health & Education](#) Information

Find this section of the NIEHS website by clicking on the first tab on the homepage:



OCPL maintains more than [60 health topic webpages](#), which are organized into four categories:

- Conditions & Diseases
- Environmental Agents
- Environmental Health Science Basics
- Population Research

We published a new health topics webpage:

- [Chemical Mixtures](#) - In our environment, we are exposed to complex mixtures of chemicals every day and throughout our lifetimes. These chemical mixtures may have greater effects on our health than each chemical would alone. Therefore, scientists are studying how these mixtures interact in cells, animals, and humans to identify health effects.

Under [Brochures & Fact Sheets](#), you will find more than 60 publications, all downloadable. You may also order print copies through our [online order form](#).

- A new fact sheet on [Mold and Your Health](#) published in November.

Communication about the coronavirus and COVID-19

Christine Flowers, the OCPL director, leads NIEHS communications about COVID-19. Her role involves coordinating with the NIH Office of the Director, various offices within HHS, and The White House.

OCPL staff assists leadership with internal communications. The web team continually updates internal webpages to share information about:

- Testing asymptomatic staff for COVID-19.
- Providing vaccine and vaccination information to staff.
- Assisting staff who telework fulltime.
- Addressing safety measures for staff who are working on campus.



NIEHS Social Media Accounts

We post social media content daily to promote people, events, and research. We like to promote research conducted by our grantees. Help us do that by always mentioning NIEHS in your news releases and tagging us in your social media. Content is regularly posted through these platforms:

- [Facebook](#) targets a general audience.
- [Twitter](#) @NIEHS - targets both a lay audience and science community.
- [LinkedIn](#) targets people working in the environmental health field.
- [YouTube](#) targets both a lay audience and science community.

Social Media Growth


Our social media followership continues to steadily increase. From September 2021 through January 2022, the NIEHS:

- Twitter feed increased from 21,321 to 21,892 followers.
- Facebook page increased from 32,638 to 33,000 followers.
- LinkedIn page increased from 6,116 to 6,662 followers.

Social Media Examples

NIH NIEHS @NIEHS

A research team led by [#NIEHSfunded](#) scientists at UC Riverside and UCLA has engineered novel nanoparticles to serve as “molecular traps” to target SARS-CoV-2, the virus that spreads [#COVID19](#). bit.ly/3s7w5cq



UC Riverside and UCLA

1:45 PM · Feb 1, 2022 · Twitter Web App

NIH NIEHS @NIEHS

A [@theNASEM](#) workshop held Dec. 1-3 examined the potential role of pets as sentinels of human-relevant environmental exposures that may influence aging and cancer. bit.ly/3GmuSUt



9:12 AM · Jan 21, 2022 · TweetDeck

NIH NIEHS @NIEHS · Jan 18

Building on its decades of work to advance scientific knowledge about how climate change affects human health, NIEHS is leading a new federal collaboration to significantly scale-up research and action in this critical area. bit.ly/3qtGL5D



4 retweets, 10 likes

NIH NIEHS @NIEHS · Jan 11

Scientists now recognize that we are exposed to complex mixtures of environmental chemicals every day and throughout our lifetimes. These complex chemical mixtures may have greater effects on our health than each chemical would alone. bit.ly/3qj7wZ5



16 retweets, 21 likes

We promote scientific literacy through the hashtag [#EHWordWednesday](#) on social media. Here are examples:

NIH NIEHS @NIEHS · Jan 19

[#EHWordWednesday](#)

Sentinel Species
(noun)

Plants and animals that can biologically indicate whether certain environmental conditions may pose risks to human health.



1 retweet, 4 likes

NIH NIEHS @NIEHS · Jan 5

[#EHWordWednesday](#)

Vitamin D
(noun)

Helps maintain strong bones, boosts immune system, and aids nervous system. Sunlight exposure helps the body make it. Also found in some foods and dietary supplements.



1 retweet, 7 likes

We also create graphics and materials to promote programs and events:




Addressing Racism as a Public Health Issue Through the Lens of Environmental Health Disparities and Environmental Justice

Friday, December 10, 2021
9:00 a.m. – 4:45 p.m. EST

Virtual Event – Free and Open to the Public
Preregistration is required.

Hosted by: The NIEHS Environmental Health Disparities and Environmental Justice Faculty

NIEHS Cross-Divisional Seminar Series



The Effects of Gut Serotonin Signaling on the Gut-Brain Axis: Novel Implications for Anxiety and Depression

Kara Margolis, M.D.
Associate Professor of Pediatrics, Columbia University Irving Medical Center

Wednesday, January 12, 2022
11:00 a.m. – noon EST
Brought to you by the NIEHS Microbiome Cross-Divisional Group

News Promotion and Coverage

NIH - NIEHS News Releases

Date	Headline	URL
23-Dec-2021	Eight substances added to 15th Report on Carcinogens	https://www.nih.gov/news-events/news-releases/eight-substances-added-15th-report-carcinogens
15-Nov-2021	Researchers target a mouse's own cells, rather than using antibiotics, to treat pneumonia	https://www.nih.gov/news-events/news-releases/researchers-target-mouses-own-cells-rather-using-antibiotics-treat-pneumonia
05-Nov-2021	NIH scientists identify mechanism that may influence infectivity of SARS-CoV-2 variants	https://www.nih.gov/news-events/news-releases/nih-scientists-identify-mechanism-may-influence-infectivity-sars-cov-2-variants
26-Oct-2021	NIH awards nearly \$75M to catalyze data science research in Africa	https://www.nih.gov/news-events/news-releases/nih-awards-nearly-75m-catalyze-data-science-research-africa

NIEHS in the News

NIEHS and NTP are often mentioned in a mix of top tier, trade, syndicated, and international news outlets. The next table contains examples from October 2021 – January 2022.

Date	Headline	Outlet	URL
12-Oct-21	Synthetic chemical in consumer products linked to early death, study finds	CNN.com	https://edition.cnn.com/2021/10/12/health/plastic-chemical-early-death-wellness/index.html
30-Jan-22	Fact check: No evidence 5G networks have 'enormous impact' on immune system	USA Today	https://www.usatoday.com/story/news/factcheck/2022/01/30/fact-check-claim-5g-and-immune-system-unproven/9238332002/
10-Nov-21	Prenatal Perfluoroalkyl Substances Tied to Risk for Preeclampsia	Drugs.com	https://www.drugs.com/news/prenatal-perfluoroalkyl-substances-tied-risk-preeclampsia-101581.html
25-Oct-21	Air Pollution Reduces Sperm Counts Through Brain Inflammation	Neuroscience News	https://neurosciencenews.com/fertility-inflammation-pollution-19539/

14-Oct-21	'The Enemy Is Lurking in Our Bodies' -- Women Veterans Say Toxic Exposure Caused Breast Cancer	Military.com	https://www.military.com/daily-news/2021/10/14/enemy-lurking-our-bodies-women-veterans-say-toxic-exposure-caused-breast-cancer.html
25-Oct-21	COVID Vaccination Does Not Raise Odds of Miscarriage: Study	Health Day	https://consumer.healthday.com/b-10-25-covid-vaccination-does-not-raise-odds-of-miscarriage-study-2655341398.html
28-Jan-22	Living near fracking sites may shorten life spans, study suggests	United Press International	https://www.upi.com/Health_News/2022/01/28/fracking-life-span/9801643383751/
12-Dec-21	Personal care product chemicals influence hormones during pregnancy, says research	Hindustan Times (IN)	https://www.hindustantimes.com/lifestyle/health/personal-care-product-chemicals-influence-hormones-during-pregnancy-says-research-101639360432595.html
26-Dec-21	Eight new substances added to U.S. carcinogen report	CTV News (CA)	https://www.ctvnews.ca/health/eight-new-substances-added-to-u-s-carcinogen-report-1.5719987
11-Dec-21	Unsafe levels of hexavalent chromium found in Rio Tuba waterways	Rappler Philippines	https://www.rappler.com/environment/unsafe-levels-hexavalent-chromium-found-rio-tuba-waterways/