

# National Advisory Environmental Health Sciences Council

## NIEHS Office of Communications and Public Liaison (OCPL) Report

February 2024

The NIEHS Office of Communications and Public Liaison ([OCPL](#)) is the first source of news and information about the institute. The communications team has broad expertise and provides a range of services to support the institute's ground-breaking research, and to share its discoveries with members of the media, the public, Congress, local governments, public health officials, and communities throughout the world. Christine Flowers directs OCPL.

This report reflects OCPL highlights since the [September 2023 Council Report](#).

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- Environmental Factor (the NIEHS online newsletter)
- Environmental Health Information, Online and Print
- Social Media
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#### I. Events

**NIEHS Superfund Research Program (SRP) annual meeting, December 4-6 in Albuquerque, New Mexico.** SRP-funded researchers and trainees — representing 70 institutions across the



U.S. — joined NIEHS staff, including the NIEHS director, community partners, and Tribal leaders to discuss research advances related to heavy metals, ubiquitous chemicals called PFAS, prenatal exposures, and more.

A January 2024 Factor story, [Collaboration and training key to Superfund success](#), provides highlights from the meeting.

**Former NCI Director gives lecture at NIEHS in November.** Norman Sharpless, M.D., who led the National Cancer Institute at NIH from 2017-2022, discussed therapy advances and what it will take to cut the cancer death rate in half by 2047 as part of the NIEHS Distinguished Lecture Series.



Read more and watch a video from the meeting in the December 2023 issue of the Environmental Factor, [Distinguished Lecturer shares trick or protecting Bone Marrow](#).

**Veterans Day Celebration.** NIEHS staff gathered in person and virtually to recognize and thank



Veterans across the country and those at NIEHS for their service to our country. NIEHS Director Woychik, a former U.S. Navy veteran, provided opening remarks.

Read [more](#) in the December issue of the Factor about this event and the kick-off of the annual Combined Federal Campaign. At the end of the campaign, NIEHS had raised over \$100,000.

**“All of Us” tour bus at NIEHS.** In mid-October, Journey, the NIH All of Us Research Program bus, stopped at NIEHS as part of its nationwide tour.



More than 300 NIEHS staff members visited the bus, with more than 50 enrolling in the program while on site.

Read about the [“All of Us” tour bus stops at NIEHS](#) in the December issue of the Environmental Factor.

**Sister Study 20<sup>th</sup> Anniversary.** OCPL worked with the lead researchers of the Sister Study to



launch promotional activities commemorating the 20<sup>th</sup> anniversary of this breast cancer and health study. Many new products were developed and highlighted throughout October, which also marks Breast Cancer Awareness Month. Some of the many products developed are listed below,

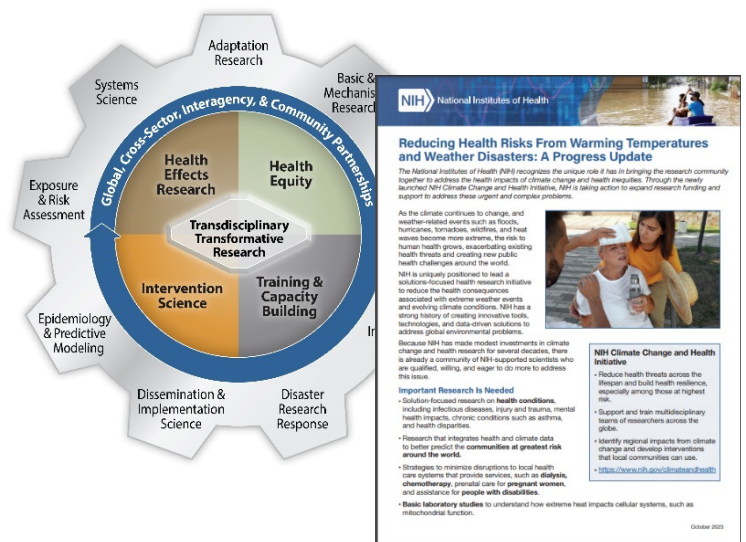
in addition to a partnership with NIH Medline Plus Magazine to develop consumer friendly products:

- **A 30-second promotional video and a ten-minute video about the study.** Worked with staff to get [teaser](#) and full length videos on [You Tube](#), along with a [Spanish-captioned](#) version. These were also made available on the Sister Study website and on NIEHS public and internal sites, including a featured video of the month.
- **Factor story.** Developed a story with photos and captions for the [October issue of the Factor](#) about Dale Sandler presenting the prestigious Mider lecture at NIH.
- **The NIH Catalyst** also developed a story about the Mider lecture in their November-December issue. "[Dale Sandler on Risk Factors for Breast Cancer.](#)"
- **Anniversary research highlights.** OCPL took a lead role in helping develop the [research highlights](#) for the Sister Study site.
- **Media advisory was issued on October 2.** [Sister Study Turns 20.](#)
- **Updated NIEHS [fact sheet](#) on breast cancer and webpage health topic.**
- **[NIH Medline Plus Magazine: Voices of the Sister Study.](#)** Recruiters and participants explain why this national breast cancer study matters.
- **[NIH Medline Plus Magazine: Infographic on Who are the "Sisters"?](#)**

**NIH Climate Change and Health Initiative.** OCPL continues to provide strategic communications

support for this NIH-wide program. The NIEHS director leads the initiative as chair of the Executive Committee, which is comprised of seven NIH Institute or Center directors. OCPL develops content and maintains the [NIH Climate Change and Health](#) web pages. Since the last council report, OCPL worked to support the initiative:

- In October, announced the new 2024 class of seven [NIH Climate and Health Scholars](#). We also [wrote](#) an Environmental Factor story about them in December.



- Also in October, updated the fact sheet, [Reducing Health Risks from Warming Temperatures and Weather Disasters: A Progress Update](#).
- Put information about upcoming webinars and conferences on the website and posted social media.
- Developed information about [NIH/NSF funding announcement](#) information for the site. Applications continue to be accepted for quick response awards.
- Promote the first annual [Café Climate and Health Conference](#) that will occur virtually on February 5-7, 2024. This will help build a community of practice.

## II. Public Information and Outreach

The online [Environmental Factor](#) is produced monthly by NIEHS OCPL and has nearly 16,000 subscribers.



Each month, the Environmental Factor includes a column from Rick Woychik, called the “NIEHS Director’s Corner.”

- **In January**, [Research into totality of exposures – the exposome – advanced by NIEHS](#). The NIEHS director spoke with Drs. David Balshaw and Yuxia Cui from NIEHS about our institute’s efforts to promote exposomics in the U.S. and around the world.
- **In December**, [Burn pits’ complex emissions simulated in NIEHS grantee’s laboratory](#). The NIEHS director spoke with Tim Nurkiewicz about his use of combustion generators and rodent models to gain insight into the emissions' potential effects on Veterans.
- **In November**, [Light and dark: underappreciated exposures with big effects on health](#). For this conversation, Rick Woychik talked with Mariana Figueiro about how too much or too little exposure to light and dark can disrupt human biology and influence disease.
- **In October**, [Breast cancer disparities top of mind for NIEHS grant recipient](#). The NIEHS director spoke to Justin Colacino about his research into why Black women are especially vulnerable to an aggressive form of the cancer.
- **In September**, [Diet and exposures in pregnancy: grantee tackles research, messaging](#). Dr. Woychik speaks to Emily Oken about fish consumption during pregnancy, how diet influences effects of PFAS, and more.







The demand for social media coverage of NIEHS research, scientists, and events continued to rise in 2023. There was a 15% increase in total posts and an 18% increase in the production of original content (i.e., custom graphics, videos).

NIEHS OCPL regularly posts content through these platforms:

- [Facebook](#) targets a general audience.
- [X/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.

Year	NIEHS Twitter/X Posts (including retweets)	NIEHS Facebook Posts	NIEHS LinkedIn Posts
2023	791	342	219

### Social Media Growth

NIEHS social media followership continues to steadily increase. From **August 2023 through January 2024**, the NIEHS:

- X/Twitter feed increased from 23,422 to 23,836 followers.
- Facebook page increased from 34,621 to 35,465 followers.
- LinkedIn page increased from 9,751 to 10,892 followers.

## Social Media Examples

### X/Twitter:

← Post

 NIEHS @NIEHS

NEWS: Reduced blood lead levels in American Indian adults were associated with lower blood pressure, according to new research funded by NIEHS and @nih\_nhlbi. More at [niehs.nih.gov/niehs-geh/rese...](https://niehs.nih.gov/niehs-geh/rese...) @JAHA\_AHA @ColumbiaMSPH #StrongHeartStudy #CardioTwitter #PublicHealth #NIEHSfunded



9:23 AM · Jan 11, 2024 · 1,475 Views

 Ana Navas Acien @anavasac  
Twitter | US | Jan 12 · 10:48 AM

A joint press release by @nih\_nhlbi & @niehs highlighting that reductions in blood lead levels are associated with lower systolic blood pressure levels @Wil\_LC1 @annie\_nigra #EnvironmentalCardiology <https://t.co/K5nRHM1H36>



3.45k Reach 31 Engagement 816 Views Neutral

An example above of how our grantees can work with us to share news on social media.

 NIEHS @NIEHS

Engaging in leisure-time physical activity may reduce the risk of breast cancer in younger women, according to NIEHS scientists and their collaborators at @ICR\_London. [factor.niehs.nih.gov/2024/1/feature](https://factor.niehs.nih.gov/2024/1/feature)




The study is the largest of its kind to examine the relationship between exercise and breast cancer in younger women.

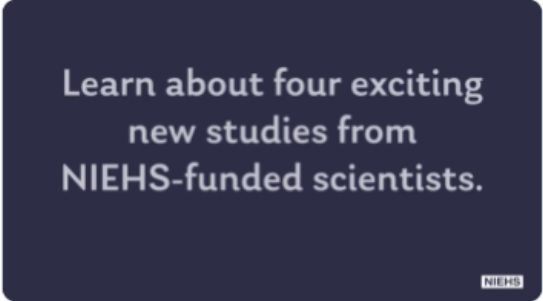
0:31

9:23 AM · Jan 22, 2024 · 459 Views

← Post

 NIEHS @NIEHS

Looking for the latest environmental health research from #NIEHSfunded scientists? Check out the Extramural papers of the month for November! [factor.niehs.nih.gov/2023/11/papers...](https://factor.niehs.nih.gov/2023/11/papers...)



3:23 PM · Nov 16, 2023 · 1,841 Views

**Facebook:**

**National Institute of Environmental Health Sciences**  
November 22, 2023

Endocrine-disrupting chemicals (EDCs) are natural or human-made chemicals that may mimic, block, or interfere with the body's hormones, which are part of the endocrine system. These chemicals are associated with a wide array of health issues. <http://bit.ly/3mOVGb5>



**ENVIRONMENTAL HEALTH TOPICS**

**Endocrine Disruptors**


NIEHS

17 likes 1 comment 4 shares

Like Comment Share

**National Institute of Environmental Health Sciences**  
December 19, 2023

Two scientists with NIEHS ties were recognized for research excellence and service this fall by the National Academy of Medicine. Kenneth Olden, Ph.D., director emeritus of NIEHS, was honored for distinguished service. M. Daniele Fallin, Ph.D., an #NIEHSfunded researcher from Emory University Rollins School of Public Health was one of 100 new members elected to the academy. "I was pleased to be recognized for my efforts over the past 35 years to expand the concept of the en... See more



**National Institute of Environmental Health Sciences**  
19 hours ago

Director Rick Woychik announces neuroendocrinologist Heather Patisaul will join NIEHS from NC State Biological Sciences as the next Division of Translational Toxicology scientific director. <https://factor.niehs.nih.gov/.../1-feature-dtt-scientific...#NIEHSfactor>



Patisaul joins NIEHS from North Carolina State University, where she serves as associate dean for research in the College of Sciences. She is a recognized expert in understanding the health effects associated with chemicals called endocrine disruptors.


2 likes 1 comment 1 share

**National Institute of Environmental Health Sciences**  
November 27, 2023

Residing in a more walkable neighborhood protects against obesity-related cancer risk, according to #NIEHSfunded researchers at Columbia Public Health and the NYU Grossman School of Medicine .

Obesity has been linked to increased risk for 13 types of cancer in women, and physical activity, independent of body size, lowers risk for some of these cancers.

Neighborhood walkability is a set of urban design features that promotes pedestrian activity, supports overall physical a... See more



PUBLICHEALTH.COLUMBIA.EDU

**Women Living In More Walkable Neighborhoods Have Lower Rates of Obesity-Related Cancers**

6 likes

**National Institute of Environmental Health Sciences**  
October 25, 2023

An international group of experts, including NIEHS Scientists Chandra Jackson, Ph.D., took a deep dive in a recent study to better understand how a good night's sleep impacts human health. Read their findings at <https://factor.niehs.nih.gov/.../improving-sleep-health>



**Global call to action on sleep health published in The Lancet Public Health**

NIEHS

6 likes



## Linked In:

**National Institute of Environmental Health Sciences** •  
September 13, 2023

NIEHS leadership gathered in the main building of our North Carolina campus this week to pass out homemade baked goodies and celebrate Staff Appreciation Day with the scientists and administrators of our intramural research division.

**National Institute of Environmental Health Sciences (NIEHS)**  
10,904 followers  
2mo

👏 Congratulations to Kelly Ferguson, Ph.D., Chandra Jackson, Ph.D., and Shanshan Zhao, Ph.D., on receiving tenure at NIEHS. Read more about their careers and research work at <https://lnkd.in/eQzPuBB2>

Three NIEHS scientists recently received tenure for their exemplary work in the field of environmental health research.

59 · 2 Comments

18 · 6 shares

Like Comment Share

**National Institute of Environmental Health Sciences (NIEHS)**  
10,904 followers  
1mo

NIEHS with federal partners **National Institute for Occupational Safety and Health** and **Appalachian Regional Commission (ARC)** proudly participated in the first New York State conference on Recovery Ready Workplaces- an effort to support recovery to addiction in workplaces and fight stigma. Read more at <https://lnkd.in/exkf2zWi> #NIEHSWTP



8

**National Institute of Environmental Health Sciences (NIEHS)**  
10,904 followers  
1mo

The NIEHS Reproduction and Developmental Biology Laboratory seeks a Staff Scientist 1 for the Pregnancy and Female Reproduction Group. This group uses molecular genetics, bioinformatics, cell culture, and animal models to the molecular mechanisms governing female reproductive tract function during pregnancy.

Learn more or apply at <https://lnkd.in/g4842uDj> #NIEHSjobs



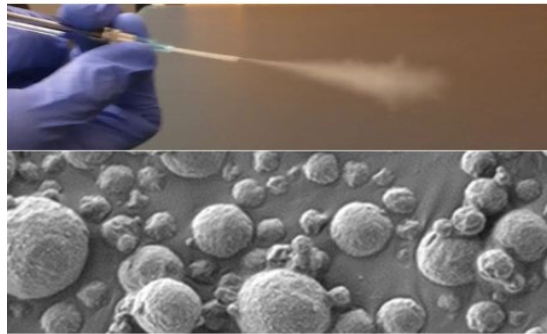
33

**National Institute of Environmental Health Sciences (NIEHS)**  
10,904 followers  
2w

Using a new technology developed by #NIEHSfunded scientists at MIT, diagnosing lung cancer could become as easy as inhaling nanoparticle sensors and then taking a urine test that reveals whether a tumor is present.

"Around the world, cancer is going to become more and more prevalent in low- and middle-income countries," said Sangeeta Bhatia, M.D., Ph.D., an MIT Koch Institute for Integrative Cancer Research senior scientist. "The epidemiology of lung cancer globally is that it's driven by pollution and smoking, so we know that those are settings where accessibility to this kind of technology could have a big impact."

The new diagnostic is based on nanosensors that can be delivered by an inhaler or a nebulizer.



Inhalable sensors could enable early lung cancer detection  
news.mit.edu

OCPL also creates graphics and materials to promote programs and events:

A few examples from August to January 2024 are provided below. These include promotions for both internal and external events.



DERT invites all NIEHS federal staff, trainees, and contractors to enjoy a cookie exchange in recognition of their hard work and dedication.

**Tuesday, December 19, 2023 • 11:00 a.m. – noon**

Keystone, Room 1003



## Superfund Research Program Annual Grant Recipient Meeting

Albuquerque, New Mexico

**December 4-6, 2023**

**Monday, December 4 • 10:00 a.m. – 5:00 p.m.**

**Tuesday, December 5 • 10:00 a.m. – 5:00 p.m.**

**Wednesday, December 6 • 10:00 a.m. – TBD p.m.**

Brought to you by the Division of Extramural Research and Training



## NIEHS Diversity Speaker Series

### Listen With Your Eyes: Deaf Awareness and Inclusivity



**Céline Dazé**

Principal Strategist, People With Disabilities  
Diversity and Inclusion Division  
NIH Office of Equity, Diversity, and Inclusion

**Tuesday, November 7, 2023**

**11:00 a.m. – noon EST**

Brought to you by the Office of Science Education and Diversity  
in honor of National Disability Employment Awareness Month

## Veterans Day Celebration

**Thursday, November 9, 2023**

**11:00 a.m. – noon EST**



**NIEHS veteran speaker**

**Darrell Hixson**

Chief of Security, NIEHS and EPA  
Former Senior Operations/Training  
NCOIC (BDE S3), United States Army

CFC charities and special presenters in attendance.


Refreshments to follow.



NIH National Institute of Environmental Health Sciences

## 2023 Distinguished Lecture Series

### *Modulating the Cell Cycle to Manage DNA Damage and Aging*



**Norman Sharpless, M.D.**  
Former Director, National Cancer Institute, National Institutes of Health  
Co-CEO and Founder, Jupiter BioVentures  
Professor, Cancer Policy and Innovation, UNC School of Medicine

Host: Dmitry Gordenin, Ph.D.

**Tuesday, November 14, 2023**  
**11:00 a.m. – noon EST**

Join on Zoom: <https://bit.ly/3PWdyLT>

Attend in person: Building 101, Rodbell Auditorium

Individuals with disabilities who need accommodation to participate in this event should contact Juanita Roman at 964-287-3646 or [juanita.roman@niehs.nih.gov](mailto:juanita.roman@niehs.nih.gov). TTY users should contact the Federal TTY Relay Service at 800-877-8339. Requests should be made at least 5 business days in advance of the event.

National Institutes of Health • U.S. Department of Health and Human Services

NIH National Institute of Environmental Health Sciences

## NIEHS Scholars Connect Program (NSCP) Fall Presentation



### Elevator Pitch: Overview of Research

**Answered by**  
NSCP Scholars

**Hosted by**  
Office of Science Education and Diversity

**Friday, November 17, 2023**  
**3:00 – 4:30 p.m. EST**


Join on Zoom: <https://bit.ly/3BP6PF>

Attend in person: Building 101, Rodbell Auditorium

Individuals with disabilities who need accommodation to participate in this event should contact Suchandra Bhattacharjee at 964-287-3778 or [bhattach1@niehs.nih.gov](mailto:bhattach1@niehs.nih.gov). TTY users should contact the Federal TTY Relay Service at 800-877-8339. Requests should be made at least 5 business days in advance of the event.

National Institutes of Health • U.S. Department of Health and Human Services

NIH National Institute of Environmental Health Sciences



## The Keystone Science Lecture

SEMINAR SERIES  
*Brought to you by the Division of Extramural Research and Training*

### Economic Impacts of Workforce Development: Environmental Career Worker Training Program as a Case Study

**Friday, October 20, 2023**  
11:00 a.m. – noon EDT  
Building 101, Rall Lake View Conference Room

Hybrid Meeting Format • Preregistration required  
<https://bit.ly/46aGuXE>

**Benjamin Artz, Ph.D.**  
Professor of Economics and Department Chair  
University of Wisconsin Oshkosh

Host: Sharon Beard

Individuals with disabilities who need accommodation to participate in this event should contact Stefanie Sherry at 703-755-0850 x113 or [stefanie.sherry@niehs.nih.gov](mailto:stefanie.sherry@niehs.nih.gov). TTY users should contact the Federal TTY Relay Service at 800-877-8339. Requests for closed captioning should be made at least 5 business days in advance of the event.

Any individual seeking access to the NIH campus will need to be prepared to show a photo ID (e.g., driver's license, or a company, government, or university ID) and provide either a copy of this flyer or pertinent information about the event.

National Institutes of Health • U.S. Department of Health and Human Services

NIH National Institute of Environmental Health Sciences



## NIEHS Diversity Speaker Series

### Latinx and Latine: A Gender-Inclusive Approach



**Patricia Saucedo Kramer**  
Principal Strategist  
Hispanic Employment Portfolio  
Office of Equity, Diversity, and Inclusion  
National Institutes of Health

**Wednesday, October 11, 2023**  
**1:00 – 2:00 p.m. EDT**

Join on Zoom: <https://bit.ly/46iW83d>

Brought to you by the Office of Science Education and Diversity  
in honor of Hispanic Heritage Month

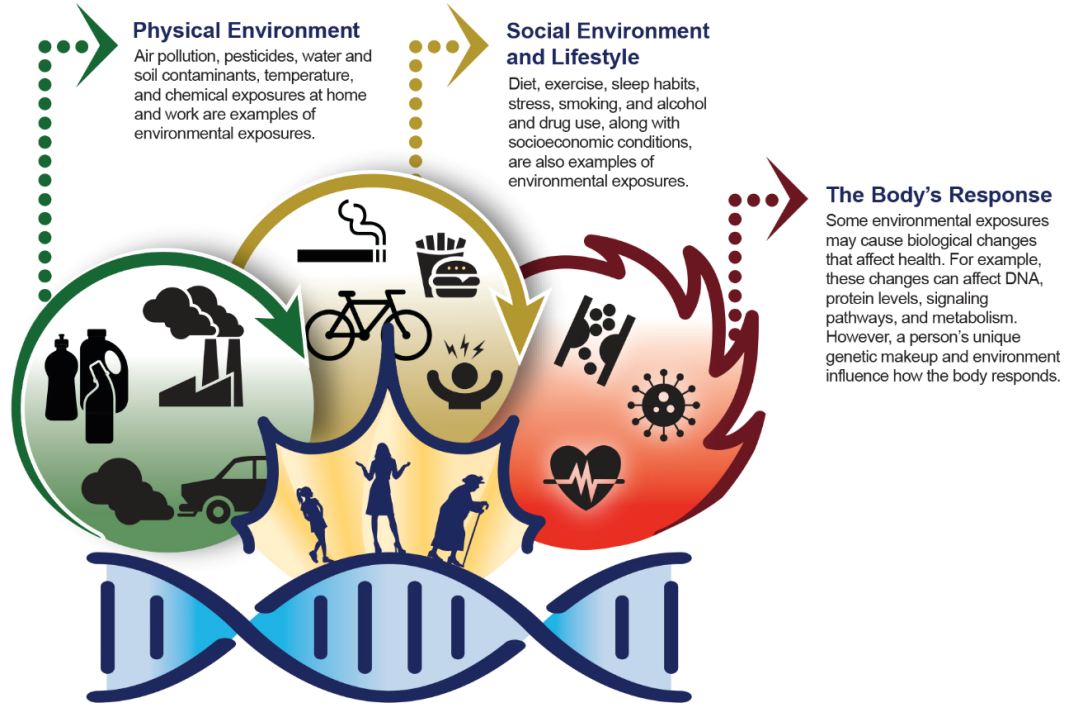
Individuals with disabilities who need accommodation to participate in this event should contact Treva Bunch at 964-287-4374 or [bunchtr@mail.nih.gov](mailto:bunchtr@mail.nih.gov). TTY users should contact the Federal TTY Relay Service at 800-877-8339. Requests should be made at least 5 business days in advance of the event.

National Institutes of Health • U.S. Department of Health and Human Services

Additional examples of OCPL design work created in support of NIEHS research:

# Exposome

**Our environment** — from the air we breathe, food we eat, and water we drink to the chemicals we ingest and stress we experience — influences health. Scientists strive to measure the exposome, which is the totality of these exposures and the body's response to them. The study of the exposome, called exposomics, will allow scientists to discover how exposure mixtures drive health and disease, so people can take steps to modify their individual exposures and improve their health.



OCPL developed this exposome graphic to convey information about this topic. It is used in the NIEHS [Director's Column](#) in January 2024.



OCPL helped develop the graphic for the new Climate and Health Outcomes Research Data Systems [\(CHORDS\) web pages](#)





## Complement-ARIE Concept Planning Listening Sessions



Join the conversation by attending a listening session. Registration is required.

- **Industry and academic partners**  
Monday, October 2, 2023 • Noon – 2:00 p.m. EST
- **Non-government organization representatives**  
Monday, October 16, 2023 • Noon – 2:00 p.m. EST
- **U.S. government and international partners**  
Monday, October 30, 2023 • Noon – 2:00 p.m. EST

OCPL helped develop and promote this poster to get input for [COMPLEMENT-ARIE](#). The NIH is conducting planning activities to inform a potential Common Fund research program called Complement Animal Research In Experimentation (Complement-ARIE) aimed at development, standardization, validation, and use of new methods and approaches that will more accurately model human biology, known as New Approach Methodologies (NAMs)

OCPL also helps develop materials for **clinical trial recruitment**. Visit [Join a NIEHS Study](#).

### III. News Promotion and Coverage

News Releases from NIH-NIEHS and NIEHS-Funded Researchers in the [NIEHS Newsroom](#)



Date	NIH/NIEHS Releases and URL
January 11, 2024	<a href="#">Reduced Blood Lead Levels Linked to Lower Blood Pressure in American Indians</a> A press release developed in collaboration with the National Heart, Lung, and Blood Institute (NHLBI) and grantees.
October 2, 2023	<a href="#">Sister Study Turns 20</a>
September 18, 2023	<a href="#">AI and Machine Learning Can Successfully Diagnose Polycystic Ovary Syndrome, New Study Confirms</a>
September 12, 2023	<a href="#">NIH awards \$50.3 million for “multi-omics” research on human health and disease.</a>
September 11, 2023	<a href="#">NIH awards \$50.3 million for “multi-omics” research on human health and disease</a>

Date	News Releases from NIEHS funded Researchers
December 11, 2023	<p data-bbox="602 233 1432 306"><a href="#">Largest study of its kind suggests physical activity reduces a woman’s risk of developing breast cancer before menopause</a></p> <p data-bbox="602 348 1432 422">News release from The Institute of Cancer Research. The NIEHS intramural program contributed to this research.</p>
October 11, 2023	<p data-bbox="602 464 1432 537"><a href="#">Study Clearly Identifies Nutrients as a Driver of the Great Atlantic Sargassum Belt</a></p> <p data-bbox="602 579 1432 653">Woods Hole Oceanographic Institution issued the news release. NIEHS supports this research.</p>
September 29, 2023	<p data-bbox="602 688 1432 762"><a href="#">Global Call to Action on Sleep Health Published in The Lancet Public Health</a></p> <p data-bbox="602 804 1432 877">World Sleep Society issued this news release. Chandra Jackson of NIEHS intramural program is quoted.</p>
September 12, 2023	<p data-bbox="602 919 1432 993"><a href="#">NIH awards \$50.3 million for “multi-omics” research on human health and disease</a></p> <p data-bbox="602 1035 1432 1108">NIEHS is participating in this program and contributing funding.</p>

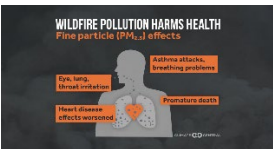
**NIEHS in the News**

NIEHS staff are often mentioned in a mix of top tier, trade, syndicated, and international news outlets. Examples follow that cover **August 2023-February 2024**. Selected news articles feature interviews with NIEHS staff or mentions of NIEHS as a resource.

Date	Headline	Outlet	URL
<p>January 29, 2024</p>	<p>Everyone says trees are good for us. This scientist wants to prove it.</p> 	<p><b>Washington Post</b></p>	<p><a href="https://www.washingtonpost.com/health/2024/01/29/louisville-trees-heart-health/">https://www.washingtonpost.com/health/2024/01/29/louisville-trees-heart-health/</a></p> <p><b>NIEHS funded grantee Aruni Bhatnagar, University of Louisville</b></p>
<p>January 24, 2024</p>	<p>Is Dying Your Hair Bad for Your Health?</p> <p>Here’s what the research suggests about the link between hair dye and cancer.</p>	<p><b>New York Times</b></p> 	<p><a href="https://www.nytimes.com/2024/01/24/well/hair-dye-health-cancer.html">https://www.nytimes.com/2024/01/24/well/hair-dye-health-cancer.html</a></p> <p><b>Alexandra White of Division of Intramural Research (DIR) is quoted</b></p>
<p>January 5, 2024</p>	<p>Indo-U.S. Workshop Concludes</p>	<p><b>The Live Nagpur</b></p>	<p><a href="https://thelivenagpur.com/2024/01/05/indo-us-workshop-concludes/">https://thelivenagpur.com/2024/01/05/indo-us-workshop-concludes/</a></p> <p>Rick Woychik, NIEHS Director, and David Balshaw, Division of Extramural Research and Training Director, are quoted in this article.</p>

Date	Headline	Outlet	URL
December 20, 2023	This Weed Killer Is Banned in 50 Countries. U.S. Workers Say It's Giving Them Parkinson's	<b>LA Times</b>	<a href="https://www.latimes.com/environment/story/2023-12-20/california-workers-say-herbicide-is-giving-them-parkinsons">https://www.latimes.com/environment/story/2023-12-20/california-workers-say-herbicide-is-giving-them-parkinsons</a>  Dale Sandler of DIR is quoted
December 4, 2023	Using Keratin Treatments or Hair-Straightening Creams? Research Suggests Potential Cancer Risk	<b>The Wall Street Journal</b> 	<a href="https://www.wsj.com/health/illness/keratin-treatments-hair-straightening-creams-cancer-risk-b60fe102">https://www.wsj.com/health/illness/keratin-treatments-hair-straightening-creams-cancer-risk-b60fe102</a>  Dale Sandler of DIR is quoted
December 2, 2023	Lead Can Alter Personalities, Pose Lifelong Risks. It's Still in America's Water Pipes.	<b>USA Today</b>	<a href="https://www.usatoday.com/story/news/health/2023/12/02/lead-exposure-poisoning-health-consequences/71764877007/">https://www.usatoday.com/story/news/health/2023/12/02/lead-exposure-poisoning-health-consequences/71764877007/</a>  NIEHS resources are mentioned
December 1, 2023	Air Pollution Is Really Dangerous, Even More New Evidence Shows 	<b>Scientific American</b>	<a href="https://www.scientificamerican.com/article/air-pollution-is-really-dangerous-even-more-new-evidence-shows/">https://www.scientificamerican.com/article/air-pollution-is-really-dangerous-even-more-new-evidence-shows/</a>  Alexandra White of DIR is quoted
November 15, 2023	Glyphosate Exposure Linked to Behavioral and Gut Health Concerns in New Studies	<b>Beyond Pesticides</b>	<a href="https://beyondpesticides.org/dailynewsblog/2023/11/glyphosate-exposure-linked-to-behavioral-and-gut-health-concerns-in-new-studies/">https://beyondpesticides.org/dailynewsblog/2023/11/glyphosate-exposure-linked-to-behavioral-and-gut-health-concerns-in-new-studies/</a>  NIEHS and grantees mentioned



Date	Headline	Outlet	URL
November 3, 2023	National Academies to Hold Virtual Derailment Workshop.	<b>The Review</b>	<a href="https://www.reviewonline.com/news/local-news/2023/11/national-academies-to-hold-virtual-derailment-workshop/">https://www.reviewonline.com/news/local-news/2023/11/national-academies-to-hold-virtual-derailment-workshop/</a>  <b>Aubrey Miller of NIEHS Office for the Director (OD) quoted</b>
November 7, 2023	Noise Pollution Harms More Than Your Hearing.	<b>National Geographic</b>	<a href="https://www.nationalgeographic.com/premium/article/noise-pollution-body-health-harm">https://www.nationalgeographic.com/premium/article/noise-pollution-body-health-harm</a>  <b>Chandra Jackson of DIR is quoted</b>
October 24, 2023	Study links elevated pollution levels to breast cancer 	<b>Spectrum News</b>	<a href="https://ny1.com/nyc/all-boroughs/news/2023/10/23/elevated-pollution-levels-linked-to-breast-cancer?cq_ck=1698176742368">https://ny1.com/nyc/all-boroughs/news/2023/10/23/elevated-pollution-levels-linked-to-breast-cancer?cq_ck=1698176742368</a>  <b>Alexandra White of DIR is quoted</b>
October 13, 2023	Researchers say commonly prescribed hypertension drug, amlodipine, is safe and effective	<b>Medical News Today</b>	<a href="https://www.medicalnewstoday.com/articles/researchers-say-commonly-prescribed-hypertension-drug-amlodipine-is-safe-and-effective#Bringing-clarity-to-high-blood-pressure-drugs">https://www.medicalnewstoday.com/articles/researchers-say-commonly-prescribed-hypertension-drug-amlodipine-is-safe-and-effective#Bringing-clarity-to-high-blood-pressure-drugs</a>  <b>Anant Parekh of DIR is quoted</b>

Date	Headline	Outlet	URL
October 6, 2023	Indoor wood burning raises women’s lung cancer risk by 43%, says US study 	<b>The Guardian</b>	<a href="https://www.theguardian.com/environment/2023/oct/06/indoor-wood-burning-raises-women-lung-cancer-risk-study">https://www.theguardian.com/environment/2023/oct/06/indoor-wood-burning-raises-women-lung-cancer-risk-study</a>  <b>Suril Mehta of DIR (Translational Toxicology) is quoted</b>
October 2, 2023	Sisters Share Special Secrets: Marking the 20 <sup>th</sup> Anniversary of the NIEHS Sister Study	<b>Sanctuary</b>	<a href="https://www.sanctuary-magazine.com/october-2023-sister-study-dr-sandler--dr-obrien.html">https://www.sanctuary-magazine.com/october-2023-sister-study-dr-sandler--dr-obrien.html</a>  <b>An interview with Dale Sandler and Katie O’Brien of DIR</b>
September 14, 2023	The Cost of Straight Hair 	<b>The New York Times Magazine</b>	<a href="https://www.thecut.com/article/hair-straightener-relaxers-cancer.html">https://www.thecut.com/article/hair-straightener-relaxers-cancer.html</a>  <b>Alexandra White of DIR is quoted</b>
August 20, 2023	‘Forever Chemicals’ Are Everywhere. What Are They Doing to Us? 	<b>New York Times Magazine</b>	<a href="https://www.nytimes.com/2023/08/16/magazine/pfas-toxic-chemicals.html">https://www.nytimes.com/2023/08/16/magazine/pfas-toxic-chemicals.html</a>  <b>Sue Fenton of DIR is quoted. NIEHS grantees are quoted.</b>

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