

NIH E-Learning and other Resources for Researchers

NIH RePORTER: NIH [funded Grants](#) and [Matchmaker Tool](#):

[NIH Videocasts and Podcasts](#)

Broadcasts seminars, conferences, and meetings world-wide over the internet as real-time streaming video. Recorded events also available for viewers to watch at their convenience as on-demand videos or downloadable podcasts.

[NIH Director's Seminars](#)

Features outstanding late tenure-track or recently tenured investigators whose work is of broad interest at NIH. Speakers are approved by the NIH director, and talks are held monthly from September through June. Videocasts of past lectures available [here](#).

[NIH Director's Wednesday Afternoon Lecture Series](#)

The Wednesday Afternoon Lecture Series (WALS) aims to keep NIH researchers abreast of the latest and most important research in the United States and beyond. Videocasts of past lectures available [here](#).

[Clinical Center Grand Rounds](#)

Weekly seminar series offers presentations on state-of-the-art discoveries to help medical professionals remain current on the latest advances in medicine. Videocasts of past lectures available [here](#).

[Demystifying Medicine](#)

Annual course includes the presentation of patients, pathology, diagnosis and therapy in the context of major disease problems and current research. Primarily directed toward PhD students, clinicians, and program managers, the course is designed to help bridge the gap between advances in biology and their application to major human diseases. Videocasts of past lectures available [here](#).

[Ethical and Regulatory Aspects of Clinical Research](#)

Annual course offered to anyone interested or involved in the ethics of clinical research with human subjects. Participants represent multiple disciplines including research teams, Institutional Review Board (IRB) members, physicians, psychologists, nurses, social workers, administrative staff, students, and others. Videocasts of past lectures available [here](#).

[Introduction to the Principles and Practice of Clinical Research](#)(IPPCR)

Annual course trains registrants on how to effectively and safely conduct clinical research. The course focuses on the spectrum of clinical research and the research process by highlighting biostatistical and epidemiologic methods, study design, protocol preparation, patient monitoring, quality assurance, ethical and legal issues, and more. Videocasts of past lectures available [here](#).

[Medicine: Mind the Gap](#)

Webinar series explores research design, measurement, intervention, data analysis, and other methods of interest to prevention science. Examples of webinar topics include design and analysis of studies to evaluate multilevel interventions, N-of-1 and novel within-subject trial methods, applying mediation analysis to understand how interventions work, illustrating strengths and weaknesses of experimental

and quasi-experimental designs, and engineering optimized behavioral interventions for increased public health impact. Archive of past lectures available [here](#).

National Human Genome Research Institute (NHGRI) **(www.nhgri.nih.gov)**

[GenomeTV](#) is the National Human Genome Research Institute (NHGRI) collection of video resources. A wide variety of videos is available, from lectures, to news documentaries, to full video collections of meetings that tackle the research, issues and clinical applications of genomic research.

Fogarty International Center (FIC) (www.fic.nih.gov)

Global health is a topic of growing interest at NIH, on college campuses, across governments and among non-governmental organizations, foundations and corporations. Resources that detail just some of these global health activities can be found [here](#).

The Fogarty International Center at NIH offers funding to support global health research. Fogarty also offers a variety of resources for those seeking global health research funding across NIH, and from other organizations. Opportunities can be accessed [here](#).

View videos and webcasts of selected global health research events, [NIH Events](#) and [Fogarty Events](#), including anniversary presentations, [Barnes Global Health Lectures](#), and other special events [here](#).

[Global Health Matters](#), Fogarty International Center's newsletter, includes the latest news and information on global health research and is distributed by email every two months. Subscribe [here](#).

National Institute of General Medical Sciences (NIGMS) **(www.nigms.nih.gov)**

Findings and [other NIGMS publications](#) can be used to enhance knowledge provided in textbooks and lecture materials in high school science courses, including introductory biology, honors/advanced placement biology, anatomy, science and technology, chemistry, health, and others.

NIH developed a Clearinghouse for Training Modules to Enhance Data Reproducibility as part of a 2014 initiative to enhance rigor and reproducibility in research. Training modules can be accessed [here](#).

National Cancer Institute (NCI) (www.nci.nih.gov)

[NCI Advanced Topics in Implementation Science Webinar Series](#)

The Advanced Topics in Implementation Science Webinar Series is a monthly webinar series focused on advanced topics in dissemination and implementation (D&I) research. Each webinar includes approximately 40 minutes of presentations by experts in the field and 20 minutes of discussion. Archived webinars available [here](#).

[NCI Division of Cancer Epidemiology and Genetics](#)(DCEG)

DCEG scientists discuss their research findings at scientific meetings, conferences, and courses—both domestically and internationally. Library of talks and presentations [here](#).

[NCI Division of Cancer Prevention](#)(DCP)

DCP conducts and supports research to determine a person's risk of cancer and to find ways to reduce the risk. With an overall goal to detect such changes and intervene early in the cancer process to prevent symptomatic disease and death, DCP funds and provides support to clinical and laboratory researchers, community and multidisciplinary teams, and scientific networks. Cancer prevention videos and webinar related to cancer prevention available [here](#).

[NCI Epidemiology and Genomics Research Program](#)(EGRP)

EGRP supports research in human populations to understand determinants of cancer occurrence and outcomes and translate findings to clinical and public health interventions. Video library [here](#).

[NCI Tobacco Control Research Branch](#)(TCRB)

TCRB leads and collaborates on research and disseminates evidence-based findings to prevent, treat, and control tobacco use in order to create a world free of tobacco use and related cancer and suffering. TCRB's [Tobacco Control Monograph Series](#) provides ongoing and timely information about emerging public health issues in smoking and tobacco use control.

[NCI Translational Research in Clinical Oncology](#)(TRACO)

TRACO is designed to provide an overview of general principles of cancer biology and treatment, epidemiology, genomics, precision medicine, mechanisms of resistance, use of preclinical models, and identification of novel molecular targets. Participants will have an unprecedented opportunity to learn new information, glimpse into future developments of translational research in clinical oncology and meet leaders in cancer research. Videocasts of past lectures available [here](#).

There are many funding opportunities that support the conduct of rigorous, cutting-edge dissemination and implementation research at NCI and across the National Institutes of Health (NIH). The most prominent funding opportunity is [Dissemination and Implementation Research in Health](#).

National Institute of Allergy and Infectious Diseases (NIAID) **(www.niaid.nih.gov)**

NIAID offers many [resources](#) to support your research, including reagents, model organisms, and tissue samples, to name just a few.

National Institute of Environmental Health Sciences (NIEHS) **(www.niehs.nih.gov)**

NIEHS research uses state-of-the-art science and technology to investigate the interplay between environmental exposures, human biology, genetics, and common diseases to help prevent disease and improve human health.

The [NIH Disaster Research Response Program \(DR2\)](#) is the national framework for research on the medical and public health aspects of disasters and public health emergencies. The DR2 website, provided by the National Institute of Environmental Health Sciences and the National Library of Medicine, supports disaster science investigators by offering data collection tools, research protocols, disaster research news and events.

[Partnerships for Environmental Public Health](#) (PEPH) is a network of scientists, community members, educators, healthcare providers, public health officials, and policymakers who share the goal of increasing the impact of environmental public health research at the local, regional, and national level. PEPH defines environmental public health as the science of conducting and translating research into action to address environmental exposures and health risks of concern to the public.

National Heart Lung and Blood Institute (NHLBI) (nhlbi.nih.gov)

[We can!® \(Ways to Enhance Children's Activity & Nutrition\)](#)

[Tools and Resources](#), materials, curricula, training and community-based opportunities that empower health professionals to help patients and communities, and evaluate We Can!® programs. Materials have been developed for ethnically diverse populations.

[The Heart Truth®](#)

The program raises awareness about women's risk for heart disease, and the steps needed to lead a heart healthy life. Program materials, print PSAs, speaker's kit, infographics, videos to use in a wide variety of settings. Some materials also available in Spanish.

[Community Health Worker: Health Disparities Initiative](#)

The Initiative offers a range of training options and [Education Materials](#), such as multicultural curricula, including manuals, DVDs, and cookbooks for heart health. It also provides a variety of [Resources](#) to help CHWs establish and deliver their programs.

[Framingham Heart Study](#)

The Heart Study welcomes the interest and proposals of outside investigators. To facilitate access and ensure the optimal scientific outcome, the Heart Study provides ancillary study policy and procedures and a proposal application.

[Aim for a Healthy Weight](#)

Guidelines, publications and materials, evidence-based information and resources, BMI tools. Some publications are also available in Spanish.

[COPD: Learn More Breathe Better®](#)

Program resources for use in COPD awareness. These materials can be customized and localized for regional use.

[P.A.D. - Stay in Circulation](#)

The peripheral arterial disease— P.A.D Coalition provides a variety of [resources for health care professionals](#), including guidelines, educational materials, and multimedia learning.

Biologic Specimen and Data Repository Information Coordinating Center (BioLINCC)

The mission of BioLINCC is to facilitate access and maximize the scientific value of the Biorepository and Data Repositories, and to promote the availability and use of other NHLBI-funded population-based biospecimen and data resources.

NHLBI Research Training Resources and Opportunities

NHLBI offered research training and career development opportunities at varying career levels for researchers who aim to advance NHLBI-related science.

Funding Opportunities

Listing of active NHLBI funding opportunities by research area.

Sickle Cell Disease: Publications and Resources for Health Professionals.

Includes publications and videos, to help health professionals and patients such as tips for healthy living, treatments, and managing pain. Some publications are also available in Spanish.

NHLBI Publications for Health Professionals

The NHLBI develops materials for the public and health professionals on a variety of topics related to heart, lung, blood, and sleep disorders best practices, treatment, and management.

The PRISM Readability Toolkit

A compendium of strategies, real-world examples, and related resources to aid researchers and others in the health care setting create print materials that an audience (such as a potential study participant or patient) can easily understand.

National Institute of Child Health and Human Development (NICHD) (www.nichd.nih.gov)

Program Officers and their Scientific Portfolios can be found [here](#).