

Health Equity Challenge

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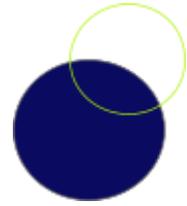
We are so excited to provide students with an opportunity to explore a critical topic in the medical field - health equity in research, specifically, in clinical trials.

The following resources are specific to the Health Equity Challenge.

[Student KNOtebook](#)

If students are using the Student KNOtebook, have them make a copy of it. They can customize as they wish. The KNOtebook is not turned in to NAF for judging, but will help students document their work, organize their ideas, and serves as a guide to their project development.





Glossary

The glossary terms are used throughout the Health Equity Challenge.

Standards

The following [National Consortium for Health Science Education Standards](#) are addressed in the Health Equity Challenge.

Medical Mathematics

1.3.2 Demonstrate the ability to analyze diagrams, charts, graphs, and tables to interpret healthcare results.

2.1 Concepts of Effective Communication

2.1.1 Model verbal and nonverbal therapeutic communication.

- Active listening
- Silence
- Summarizing
- Reflecting

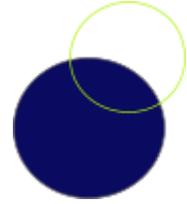
2.1.3 Distinguish between subjective and objective information.

6.1 Ethical Practice

1. 6.1.1 Differentiate between ethical and legal issues impacting healthcare.
2. 6.1.2 Identify ethical issues and their implications related to healthcare.

6.2 Cultural, Social, and Ethnic Diversity

1. 6.2.1 Discuss religious and cultural values as they impact healthcare.
 - Ethnicity
 - Gender
 - Race
 - Religion



Explore Health Equity

Additional Activities

Build Background Knowledge

Bellringers (5-15 mins)

Have students answer the following question either individually or in pairs and share their answers with the class.

- What is Medical Research?
- Based on your prior knowledge, what is diversity? And how do you believe diversity impacts medical research?
- Why do you believe diverse representation is or isn't important in a clinical trial?

Know, Wonder, Learn Chart (KWL)

Create a chart on the wall as a [Gallery Walk](#) and have students write on stickies what they currently Know about the topic and what they Want to know,. Have students watch videos and record interesting facts, numbers, statistics, quotes, dates, and other important or surprising information in the Learn section of the KWL chart. Conduct a class discussion.

Clinical Trial History

Discussion Question

Why might people be skeptical about participating in clinical trials today?

Explore a Topic

Have students pick one topic from the Clinic Trial History Timeline to explore in more depth. Afterwards have students summarize their findings with another group. The [History of Clinical Research](#) includes additional historical developments, such as:

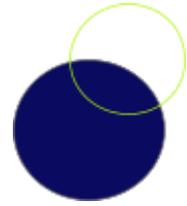
- 1937 Elixir Sulfanilamide Disaster
- 1944-1974: Human Radiation Experiments
- 1962: Kefauver-Harris Drug Amendment

Identify the Problem

Discussion Question

Have students read the article, [Pharma has the Tools. Will Clinical Trials be Less White Next Year?](#). Discuss: *Why is it important for clinical trials to be more diverse?*





Analyze Data

Have students visit [U.S. Clinical Trials site](#), and:

1. Find a study near where they live.
2. Select Recruitment: "Completed" + Study Results: "With Results"
3. Select "Has Results"
4. Review the Study Results - looking at results across gender, race, ethnicity. What do students notice about the population who participated in the study?
5. Continue for other diseases.

Or, continue to explore by disease, area, or eligibility for you or a family member, for example.

See the Impact

Discussion Question

What other groups may not be well represented in clinical trials?

First-Hand Trial Experiences

Discussion Question

What questions would you like to ask clinical trial participants?

Explore Sample Solutions

Solution Analysis

In partners, or small groups, have students explore and analyze some of the sample solutions and discuss: *What do they think is effective about the solution? How do they think the solution could be improved?*

Media

Videos

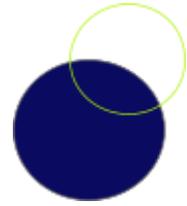
[Health Equity Challenge](#)

[Luther \(Merck\)](#)

[Adrelia \(Merck\)](#)

[Conrod \(Merck\)](#)



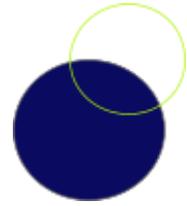


[What is a Clinical Trial?](#)
[What are Clinical Trial Phases?](#)
[Don't Count Yourself Out](#)
[Informed Consent for Clinical Trials](#)
[TikTok](#)
[Clinical Trial History](#)
[Unknown Truths of Tuskegee](#)
[Impact of Henrietta Lacks](#)
[Diversity in Clinical Trials](#)
[Celebrating Hispanic Heritage Month](#)
[CNBC: Biotech Firms and Covid](#)
[Diversity in Clinical Trials](#)
[Alana \(Merck\)](#)
[Managing Sickle Cell as a Teenager](#)
[Paying it Forward after Immunotherapy](#)
[Educating African Americans about Cancer and Clinical Trials](#)
[Immunotherapy Works \(in Spanish\)](#)
[Two-Year-Old Patient](#)
[Health Research: My Decision](#)
[The MT Pharmacy](#)
[Participant Testimonial](#)
[It's Time for Clinical Justice](#)

Resources

[From Trial to Treatment](#)
[Diversity in Clinical Trials](#)
[Clinical Trials: Benefits, Risks, and Safety](#)
[Phases of Clinical Trials](#)
[Timeline of Clinical Research](#)
[Lessons Learned from Tuskegee](#)
[FDA Diversity and Inclusion Strategic Plan](#)
[Lung Cancer Health Care Delivery](#)
[Racism and Exploitation in Phase 1](#)
[Asian Americans Cancer Burden](#)
[Alzheimer's and Down Syndrome](#)
[Clinical Trials and Exclusion of People with Disabilities](#)
[People with Lower Incomes are Less Likely to Participate in Clinical Trials](#)





[Older Adults in Clinical Trials](#)

[Increasing Representation of Children in Clinical Trials](#)

[COVID-19 Vaccine Trials in Children](#)

[FDA Increase Racial and Ethnic Diversity in Clinical Trials](#)