

What is Clinical Research?



FIND YOUR ELEMENT

Clinical Research is a form of medical research which involves the study and use of human subjects to further scientific knowledge. It helps determine the safety and effectiveness of medications, devices, diagnostic products and treatment regimens intended for human use.

TYPES OF CLINICAL RESEARCH

Treatment Research looks at medication, psychotherapy, new devices or new approaches to surgery or radiation therapy.

Prevention Research looks for better ways to prevent disorders from developing or returning.

Diagnostic Research looks for better ways to identify a particular disorder or condition.

Screening Research aims to find the best ways to detect certain disorders or health conditions.

Quality of Life Research explores ways to improve comfort and the quality of life for individuals with a chronic illness.

Genetic studies aim to improve the prediction of disorders by identifying and understanding how genes and illnesses may be related.

Epidemiological studies identify the patterns, causes and control of disorders in groups of people

THE DIFFERENCE CR HAS MADE

- Vaccines save the lives of 2.5 million children each year
- Since 1928, researchers have discovered and developed over 19 new types of antibiotics
- More than 35 antiretroviral treatments have been developed for HIV/AIDS
- In the past 10 years, nearly 300 new treatments have been developed for hard-to-treat diseases
- Survival rates for patients with cancer have increased dramatically
- NIH-funded research has contributed to a 60 percent reduction in the death rates for coronary heart disease and stroke, a 40 percent decline in infant mortality over the past 20 years, and a 30 percent decrease in chronic disability among seniors.

HOW MANY CLINICAL TRIALS ARE THERE?

Hundreds of thousands of clinical trials are being conducted at the same time. According to clinicaltrials.gov the following number of trials being conducted as of Jan 2, 2020 is:

The United States	127,485
Canada	21,224
Europe	92,927
Russia	5,692
China	36,343
India	4,962
Middle East	13,697
Africa	9,322
South America	10,415
Central America	3,540
Australia	7,67x1

AVAILABLE RESEARCH JOBS

- A recent search on Career OneStop highlights nearly 50,000 current jobs available in the U.S.
- The CRA role has been in the Top 100 Best Jobs in America for a few years and in 2012 it was #4
- This role has experienced an 8% growth rate for the past 10 years

AVERAGE SALARY

CTA <small>Clinical Trial Assistant</small>	\$51,000
CRC <small>Clinical Research Coordinator</small>	\$57,000
CRA <small>Clinical Trial Associate</small>	\$84,000