



# Introduction to Clinical Research

## GCP Lecture I

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Nov 2024

# Good Clinical Practice (GCP)



What is GCP



Acquiring a GCP Certification

# GCP Certification

This is an introduction to our medial students on the **WHO** designed global principles and regulations governing research on human subjects

GCP Certification is part of the Graduation Research Project Requirements

# GCP Certification



It builds upon previous courses including Quantitative and Qualitative Research.



Each student should obtain official GCP certification by the Beginning of Feb 2024

# GCP Certification

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Session 1:  
Introduction/ Ethics/

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Session 2:  
Global Regulatory Framework

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Session 3:  
GCP Training/ IRBs.

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Session 4:  
GCP Training/ Research Protocol Basics.

# GCP Course

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The chosen course certificate by our Medical School is issued by the US NIH because it is recognized globally.

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The NIH GCP Certificate will be recognized in the USA and worldwide and valid for three years



## Link to the Course

- Link to the course:
- <https://gcp.nidatraining.org/>
- Create an account to sign in:
- <https://gcp.nidatraining.org/register>
- Under organization kindly write:  
The University of Jordan



# GCP Course Information

Enter your Name

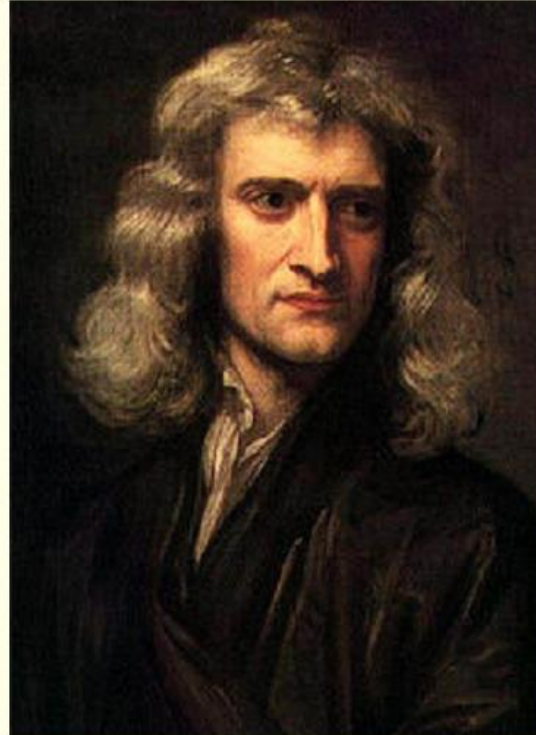
Enter your  
Institution as the  
University of  
Jordan

Our IRB requires  
80% of answers  
correct

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# Why Clinical Research ?



**Sir Isaac Newton**  
**(1642-1727)**

*Born in Lincolnshire, England*

***“If I have seen a little further, it is by standing  
on the shoulders of giants”***

**- Sir Isaac Newton, 1676**

- *“If I have seen a little further, it is by standing on the shoulders of giants”*

***Isaac Newton***

## **Definition of Clinical Research**

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- **Patient-Oriented Research**

**Research conducted with human subjects (or on material of human origin such as tissues, specimens and cognitive phenomena) for which an investigator (or colleague) directly interacts with human subjects...includes:**

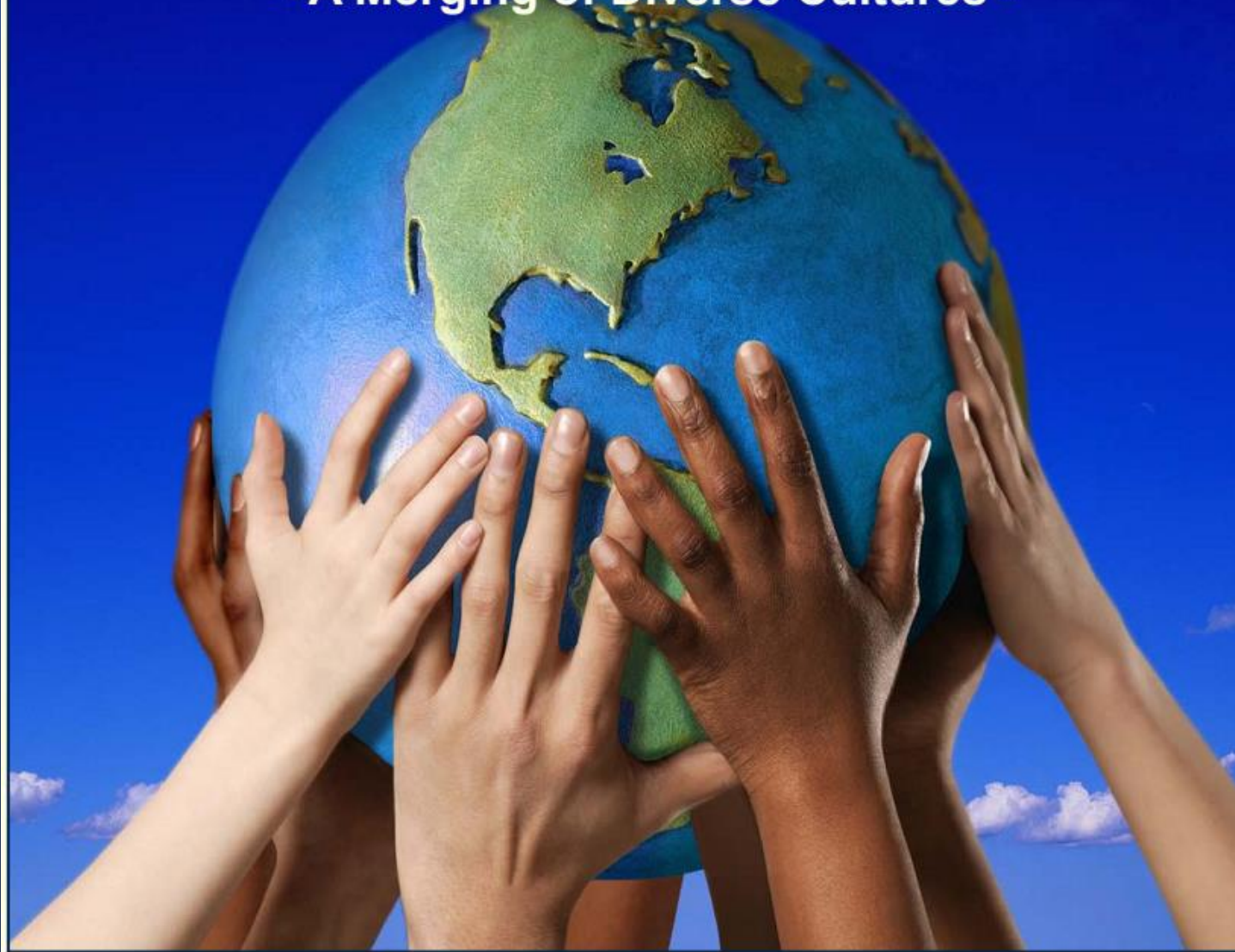
- **Development of new technologies**
- **Mechanisms of human disease**
- **Therapeutic interventions**
- **Clinical Trials**

- **Epidemiologic and Behavioral Studies**

- **Outcomes Research and Health Services Research**

**\*From NIH Director's Panel on Clinical Research, 1996**

# History of Clinical Research - A Merging of Diverse Cultures -

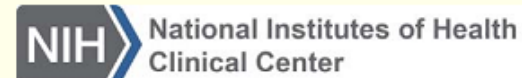


# **History of Clinical Research**

## **- A Merging of Diverse Cultures -**

**John I. Gallin, M.D.**  
**Director, NIH Clinical Center**

**October 13, 2015**





# Ethics The Soul of Medicine





# Hippocrates, Principles of Medical Ethics

1. Non-Maleficence
2. Beneficence
3. Justice
4. Respect for Autonomy
5. Confidentiality

# The First Principle

Non-Maleficence

“Primum, Non Nocere”

First, DO NO HARM



# The Second Principle

**Beneficence**

# The Third Principle

**Justice**

The Forth Principle

**Respect for Autonomy**

# The Fifth Principle

**Confidentiality**

# To see and See Again

- Shoulder of giants
- The spirit of inquiry, our responsibility ?
  - Al Rhazi
  - Ibn Sena
  - Ibn Al Haitham
- Where do We Stand?

To See and See Again

You Can Make A Difference