



**Research, Grants
and Contracts**



Research Integrity Overview

Research Ethics





Anita Southwick

Manager of Research
Compliance – 6.5 years

Cincinnati Children's
Hospital Medical Center,
Clinical Research – 8 years

Agenda:

- Institutional Review Board (IRB) - Human Subjects Research
- Institutional Animal Care and Use Committee (IACUC)
- Institutional Biosafety Committee (IBC)
- Financial and Foreign Conflict of Interest (FCOI)
- Responsible Conduct of Research Training (RCR)



Institutional Review Board

Institutional Review Board (IRB)

Our Purpose



Institutional Review Board (IRB)

Federal regulations

Ethical guidelines

- Ensure the rights, safety and well-being of potential study participants
- Perform thorough reviews of projects that meet the federal definition of human subjects research



Institutional Animal Care and Use Committee



Institutional Animal Care and Use Committee (IACUC)

What the IACUC does:

Ensures that all vertebrate animal research and related instructional activities are performed in a safe, ethical and legal manner as required.

How they do it:

Reviewing all vertebrate animal research and instructional activities

Creation and maintenance of internal regulations and procedures

Review of NKU's animal welfare assurance



Institutional Biosafety Committee



Institutional Biosafety Committee (IBC)

What the IBC does:

The IBC is responsible for reviewing, approving, and monitoring all NKU research projects involving biological materials that may pose differing levels of safety, health, or environmental risk to plants, animals, or humans.

How they do it:

Reviewing all research and instructional activities that involve use of recombinant DNA, beyond accepted/standard (non-hazardous) practices, in standard host-vector systems and Toxins or infectious agents requiring handling conditions above Biosafety Level-1.

Creation and maintenance of internal regulations and procedures



Financial Conflict of Interest and Foreign Influence

Financial Conflict of Interest and Foreign Influence Disclosures

- Federal regulations require potential financial conflict of interest and foreign influences to be disclosed for researchers on grants.
- NKU utilizes Mentor COI for disclosure submittal and management.
- If you submit a grant, your Grant Administrator will walk you through this process.
- When in doubt, disclose!

International Travel

- If you are traveling on grant funding:
 - Submit an ad hoc disclosure through Mentor COI
 - Contact IT to request a "clean" laptop
- Consider:
 - Are you taking or shipping any specialized equipment or materials that might have military or dual military-civilian use?
 - Are you taking any export-controlled technical data?
- Best practices:
 - If possible, send your presentation ahead, access materials through a secure browser on your device, or take only a flash-drive containing relevant information.
 - Always keep your electronic equipment with you to avoid tampering.
 - NKU recommends that you take only the information you need and remove personal information you would not want publicly disclosed.



Responsible Conduct of Research Training

Responsible Conduct of Research (RCR) Training

- Students being paid on all National Science Foundation (NSF) and certain National Institutes of Health (NIH) grants are required to:
 - Complete RCR training through the CITI training system
 - This is tracked by RGC
 - As the PI, you and the student will receive emails with specific instructions
- As the PI, you are responsible for:
 - Ensuring that the student has completed the mandatory CITI training
 - Providing the student training that covers the RCR topics that go above and beyond the training provided in CITI (required by federal regulations)
 - Sample and example trainings are available on the RGC resources website

If you have any questions or need additional information about anything shared within this presentation, please contact the RGC office.

RGC@nku.edu



The logo features the letters 'NKU' in a white, serif font. A stylized flame, colored in shades of yellow and orange, is positioned above the letter 'U'.

NKU

NORTHERN
KENTUCKY
UNIVERSITY