RCR Summer Seminar Series

Data Ethics

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RCR On Campus

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Reminders

- You must log in with UFL email in order to receive certificate credit
- Please take the survey after the class—we value your feedback
- In order to allow for free flow of ideas and questions, we will not record the session
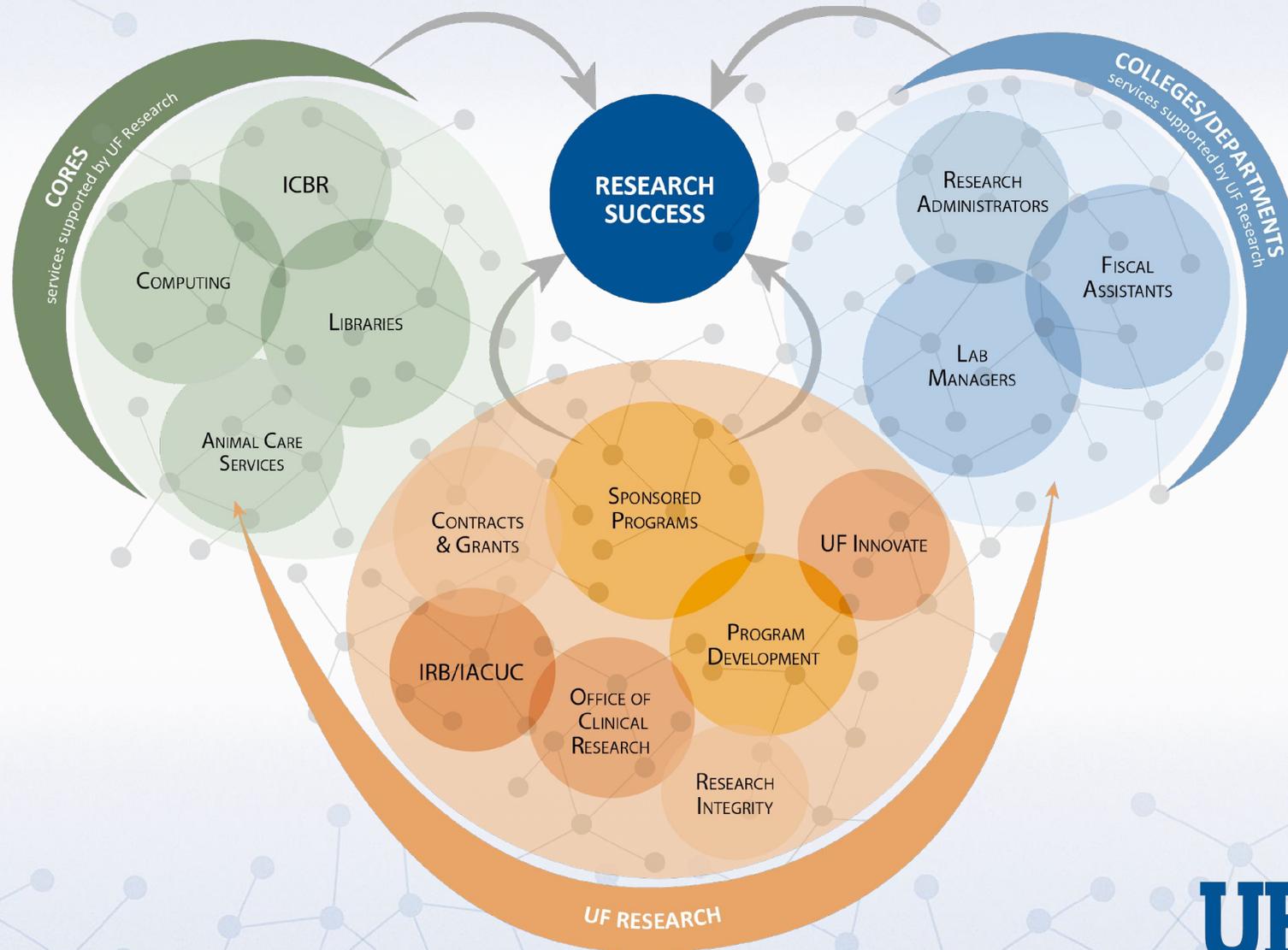- Slides and other materials will be sent to attendees after the class

RCR Certification

- Mentor/Mentee Relationships- Finding the Right Balance

- Collaborative Research

- Conflicts of Interest

- Data Ethics

- Compliance at UF &

- Research Misconduct Overview

- Research Misconduct: Plagiarism

- Research Misconduct: ORI: The Lab

- Ethics of Authorship

- Rigors of Peer Review

- Reproducibility & Replicability

- IRB & Informed Consent

- Export Control Overview Including an overview of Dual Use Technology

- Putting it All Together

UF Research Enterprise

Agenda

- Case study #1
- Philosophical context
- Practical guidelines
- Case study #2
- Case study #3

Case study #1

Practical guidelines (based on RC's draft dataset hosting policy)

- Can I legally use the data? (data licensing issues)
- Can I ethically use the data?
  - If the data include personal identifiable information (PII), were the subjects a) aware that the data were being collected and did they b) agree to contribute the data for arbitrary research use?
  - Does the dataset have a clear, well-documented curation process?
  - Are there any known problems with the dataset?
  - Is the proposed research use ethical? (IRB approval, e.g.)
- Are there any other relevant data use restrictions?

Case study #2

Case study #2 - group notes

- Is it (ever) ethical to use leaked, private data for research?
  - ○ No. (Ends do not justify the means.) Seems many groups concluded it was not ethical.
  - ○ Authors argue that no additional harm was done, but that is hard to assess.
  - ○ What if the data use contributes to public health or national security (hard to draw that line)?

- Was it ethical to study the social media users without their knowledge or consent?

  - ○ Several groups concluded it was not ethical, and could not understand how an IRB would sign off on it.

  - ○ Even more of an issue with AI research - unethical research could lead to unethical applications of AI models. (Bad input -> bad output.)

Case study #3

Case study #3 - group notes

- Were human subjects involved in the study?
  - At least one group thought so.
  - Another group: technically, perhaps not, but there clearly was still risk to participants in the study.

- Is it ever acceptable to study human subjects without obtaining informed consent?

  - Deontologically, no.

  - A consequentialist would say yes, sometimes.

  - Informed consent is really tricky in a "big data" world.

Thank you!

Please take the survey at:
https://ufl.qualtrics.com/jfe/form/SV_1WVLQUcrykr7YFM

If You Suspect Research Misconduct…

Research Misconduct means **fabrication**, **falsification**, or **plagiarism** in proposing, performing, or reviewing research, or in reporting research results.

Questionable Research Practices are reports of **careless**, **irregular**, or **contentious research practices**, as well as authorship disputes, may not meet the standard for research misconduct but may be a research integrity violation.

Make a **confidential report** to the UF Research Integrity Officer (RIO)

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Still not sure if it is Misconduct or a QRP? The RIO can help you better understand the situation. You can speak in hypotheticals as you consider making an official allegation.

You may also report anonymously UF Compliance Hotline:
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