

# Responsible Conduct of Research

Collaboration

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- Collaborative Research is the “new norm”
- Issues are highly connected to authorship, data management, conflict of interest

Footnote: much of this work is derived and synthesized from materials provided at the UNH RCR site:

<https://rit.sr.unh.edu/training/rcr-training/collaborative-research.html>

# Collaborative Research Advantages

- Bring together diverse sets of expertise
- Ability to address large scale problems
- Replication in space
- Efficient subdivision of labor
- Within-group discussions or debates makes science more rigorous

# Collaborative Research Challenges

- Need for oversight of whole project
- Clarity of roles, including leadership of project
- Finances
- Authorship and credit (including “over credit”)
- Reward system (i.e., promotion or tenure; graduate student degree awarding)
- Increased “overhead” of communication
- International research
  - Cultural norms
  - Restrictions imposed by national security

# Collaborative Research Keys to Success

- Group

# Collaborative Research Keys to Success

- **Collaboration and Team Science: A Field Guide**
- [https://ccrod.cancer.gov/confluence/download/attachments/47284665/TeamScience\\_FieldGuide.pdf?version=2&modificationDate=1285330231523](https://ccrod.cancer.gov/confluence/download/attachments/47284665/TeamScience_FieldGuide.pdf?version=2&modificationDate=1285330231523)