DISCUSSION OUTLINE: SESSION 7

Topics:

Project Management
   Case Study – How to distribute people and project
   Discussion – How balance aims in grants with student projects

Data Management
   What parameters should we consider when developing a system?
   What should be stored?
   How can we store it?

Lab Notebooks
   Why worry about details?
   Good practices
   Don’t assume students, postdocs, staff will keep a proper notebook

Ethics
   Case Studies – authorship
      - data handling & record keeping
      - error in previous research

Materials for PIs:

Handouts
1. Case Study: Project Management
2. Case Study: Authorship, Data handling & record keeping, Error in previous research
3. Chronicle article: “Scientists Who Cheated Had Mentors Who Failed to Supervise Them”
4. The Scientist article: “When Collaborations Compete”
5. The Scientist article: “Bringing Order to Authorship”

   • MTRM: Chapter 7, pages 125-136
   • MTRM: Chapter 8, pages 143-152