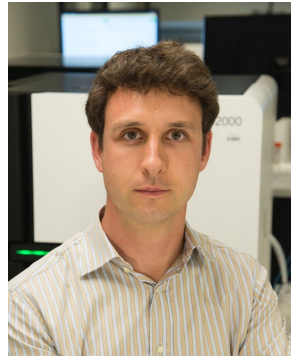


Introductions to Bioinformatics instructors



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griffithlab.org

rnabio.org genviz.org pmbio.org



QUINLAN LAB @ UU

quinlanlab.org



Introduction to course – philosophy and goals

*Do “the bioinformatics” for someone, and you help them for a day.
Teach someone to do bioinformatics, and you help them for a lifetime.
- Ancient Chinese proverb*

- Course goals
 - Learn concepts and develop skills for sequence analysis
 - Build the foundation for tackling your own analysis challenges
 - Learn to think like a bioinformatician
 - Have fun

Course format for a typical day

- Lecture
- BREAK
- Practical exercises
- Lunch
- Practical exercises
- BREAK
- Practical exercises
- Wrap-up and Q&A

Student poll (respond in slack)

Not counting the pre-requisites and materials for this course:

- Do you consider yourself a bioinformatician?
- Are you familiar with linux/command line?
 - Intermediate?
 - Expert?
- Do you sometimes write code?
- Are you familiar with R?
 - Intermediate?
 - Expert?
- Do you use git/github?
- What organism do you work with? (Put an animal emoji in slack)
- Are you interested in bulk RNAseq, scRNAseq, or both?

We are on a Coffee Break & Networking
Session