



STA 426: Statistical Analysis of High-Throughput Genomic and Transcriptomic Data

- Github accounts, Mac accounts, Slack accounts
- Next week's "brainstorm session": very important to attend. We will survey a bunch of statistical methods, HT genomic assays and relate them to each other
- Exercise from first lecture -> Due Wednesday 28th Sep 17.59: see link on Slack .. or
<https://classroom.github.com/assignment-invitations/66ea7dac1b4c311545d32c71a5c361c3>
 - this sets up a public repository where you can upload your assignment (Rmd); later, this will hopefully be private repos



University of
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On the topic of projects

This is pretty close to what we are hoping for:

<http://crazyhottommy.blogspot.de/2016/09/heatmap-demystified-part-ii-using.html>



On the topic of journal clubs

Tentative Schedule

Date	Lecturer	Topic	JC1	JC2
19.09.2016	Mark; Hubert	admin, mol. biology basics, R markdown		
26.09.2016	Hubert	exploratory data analysis		
03.10.2016	Mark; Hubert	interactive technology session		
10.10.2016	Hubert	NGS intro; mapping		
17.10.2016	Charlotte	hands-on RNA-seq session		
24.10.2016	Mark	limma 1		
31.10.2016	Mark	limma 2	x	x
07.11.2016	Hubert	RNA-seq quantification	x	x
14.11.2016	Mark	edgeR+friends 1	x	x
21.11.2016	Mark	edgeR+friends 2	x	x
28.11.2016	Hubert	classification	x	x
5.12.2016	Mark	epigenomics, DNA methylation	x	x
12.12.2016	Mark	gene set analysis	x	x
19.12.2016	Mark	single-cell	x	x