Portfolio
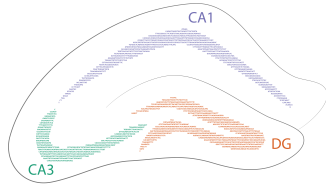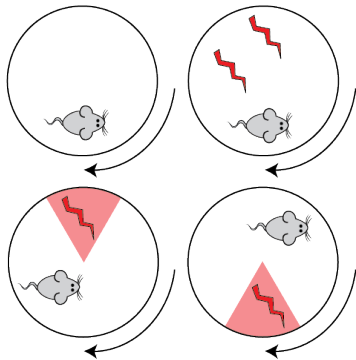
Rayna M. Harris | raynamharris@github.io | @raynamharris
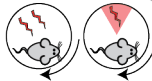
June 12, 2017

Behavioral plasticity and neurogenomics

Open, reproducible, and multi-discipinary research workflow

LEVELS OF ANALYSIS

TCCAACATG
AACTCCTCG
CGAATGGA
CTCACCCAA
AAGAGCTG

CA1
CA3   DG

HPC FOR RNA-seq
TACC
FASTQC
Cutadapt
Kallisto

STATISTICAL ANALYSES
DEseq2
GO_MWU

RESEARCH SHARING
GitHub
Zenodo
GEO
FigShare
BioRxiv
Peer Review
Medium
YouTube
SlideShare
Cirricula

REPRODUCIBLE RESEARCH in R
reshape2
dplry
plyr
knitr

DATA VIZUALIZATION
VennDiagram
ggplot2
cowplot
pheatmap
RColorBrewer
Adobe Illustrator

Neurogenomic plasticity