You don’t need to read all of the papers uploaded here. Browse through things that look interesting to you. Here is some info about these papers to get you started.

Empirical examples of how DNA methylation data can be used to ask ecological or evolutionary questions

1. Banovich\_2014\_PG.PDF – effects of local sequence variation on DNA methylation levels in humans
2. Dubin\_2015\_eLife.pdf – effects of both cis and trans variants on DNA methylation levels in Arabidopsis
3. Lea\_2016\_ME.pdf – effects of differences in diet on DNA methylation levels in wild baboons (note, we will use data from this paper during the workshop)
4. Hernando-Herraez\_2015\_PG.PDF – a review of what DNA methylation can teach us about the evolution of species differences (and how DNA methylation itself is shaped by evolutionary change)
5. Tobi\_2014\_NC.pdf – effects of exposure to famine during early gestation on DNA methylation levels in humans
6. VERHOEVEN\_2016\_ME.pdf – recent review from a special issue, summarizing what we currently know about the role of DNA methylation in ecological and evolutionary processes

Reviews and methods papers about analyzing DNA methylation data

1. Bock\_2010\_NB.pdf
2. Bock\_2012\_NRG.pdf
3. Liu\_2012\_BisSNP.pdf
4. Lea\_2015\_PG.pdf – we will use this program during the workshop