This workshop will introduce the Galaxy platform and walk participants through a multi-step next generation sequencing data analysis, starting with quality control. We will review common choices in NGS data analysis, and demonstrate them within the context of Galaxy, taking advantage of Galaxy’s tool set and visualization capabilities.

We will also provide a brief overview of what is needed to set up your own local Galaxy instance. This complements the Galaxy CloudMan talk on Wednesday.
Galaxy is an open, web-based platform for data intensive biomedical research that enables bioinformaticians and bench scientists alike to create, run, refine, and share analyses. This annual event engages a community of biologists, developers, data producers, core facilities staff, and tool creators, all working towards addressing the challenges of big data in biological research. GCC2014 will start with a training day, followed by two full days of presentations, lightning talks, posters, birds-of-a-feather gatherings, and exhibitors.

Key Dates:

- Feb 10: Talk, poster submission opens
- Feb 10: Early registration opens
- April 4: Talk abstract deadline
- April 25: Poster abstract deadline
- May 23: Early registration closes
- June 13: Regular registration closes
- June 30: Training Day: 12 sessions
- July 1: Meeting Day 1
- July 2: Meeting Day 2

http://galaxyproject.org/GCC2014