

**Draft: G-OnRamp Beta Testers Workshop Agenda
Washington University, July 25-27, 2017**

Tuesday, July 25 Travel to St. Louis or Conclusion of GEP Alumni Workshop

- Noon Check-in noon – 4 pm *Village Dorm, ground floor*
(if after 4 pm call W Leung 314-651-7239; if 8 pm - midnight, contact WU
Summer Housing 314-935-5015; arriving after midnight or emergencies, call
WU Campus Police, 314-935-5555)
- 2 – 4 pm NSLC computer lab open for review of Galaxy 101
Life Sciences, first floor; staff available
- 5:00 pm Welcome Reception
Village Dorm Fireplace Room, ground floor
(sign up for Thursday box lunches)
- 6:00 pm Dinner (*Catered; Village Dorm Fireplace Room, ground floor*)
- 7:00 pm Welcome to the G-OnRamp Beta Testers Workshop:
Introduction to the GEP, Galaxy and G-OnRamp; Goals for the Workshop
Jeremy Goecks and Sarah Elgin
- Overview: Goals of participants
All attendees

Wednesday, July 26

- 7:30 am Breakfast at the Knight Center (*second floor buffet*)
- 8:30 am Overview of Galaxy: Using Galaxy to analyze RNA-Seq data
Yating Liu and Luke Sargent
NSLC Computer Lab, Washington University Danforth Campus
- 10:15 am Coffee break
NSLC Lounge
- 10:30 am Introduction to G-OnRamp
Luke Sargent and Jeremy Goecks
- Introduction to G-OnRamp walkthrough:
Use G-OnRamp to create a genome browser for the *D. biarmipes* F element
Yating Liu
NSLC Computer Lab

- 12:00 noon Lunch: informal discussions
(Get sandwiches, salads etc. at the DUC, Starbucks, Subway, Grounds for Change)
NSLC Computer Lab will remain open for continuing work if desired
- 1:00 pm Customize the Genome Browsers produced by G-OnRamp
 Yating Liu
NSLC Computer Lab
- 2:30 pm Break: sodas and munchies
NSLC Lounge
- 2:45 pm Use G-OnRamp to create Genome Browsers for whole genome assemblies
 Practice time: Explore the Genome Browsers created by G-OnRamp
NSLC Computer Lab
- 4:15 pm Transfer large genomic datasets to G-OnRamp (walkthrough)
 Wilson Leung
- 5:15 pm Recap: what worked well, what did not — user feedback
- 6:00 pm Dinner (*barbecue at the Elgin's; 30' walk or short drive*)
 Discussion: future directions, utilization of G-OnRamp and Galaxy in undergraduate research (all attendees)

Thursday, July 27

- 7:30 am Breakfast at the Knight Center (*second floor buffet*)
(bring bags to NSLC; must vacate dorm rooms by 11 am)
- 8:30 am Deployment options for G-OnRamp (*e.g., centralized server, Docker, Virtual Machines*) on local servers or on a public cloud (*e.g., Amazon EC2, Microsoft Azure, Jetstream*).
 Luke Sargent
NSLC Computer Lab
- 10:00 am Coffee break, *NSLC Lounge*
- 10:30 am Working groups / optional sessions meet.
- 12:00 noon Lunch (box lunches)
NSLC Classroom, LS 311
 Working groups report to group as a whole

2:00 pm Wrap-up, future planning, commitments

As needed Depart for airport (*Metro 60' or shared rides 30'*)
(Plan travel to depart Washington University at noon or later)

Possible optional sessions:

- Differential expression analysis with RNA-Seq
- Integrating G-OnRamp and Galaxy into the undergraduate curriculum

Possible working groups:

- Identify and prioritize the development of missing features for G-OnRamp
- Identify GEP web framework tools (*e.g.*, Gene Record Finder, Gene Model Checker) that should be generalized to other genomes; other tools required for project management
- Develop plans/ideas for training materials for G-OnRamp (*e.g.*, interactive tours, walkthroughs)
- Other:

Last update: 07/06/2017