

**Draft: G-OnRamp Beta Testers Workshop Agenda  
Washington University, June 20-22 or July 25-27, 2017**

***Tuesday, June 20 or 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, 935-5555)
- 5:00 pm Welcome Reception  
*Village Dorm dining area (Fireplace Room), ground floor*  
(sign up for Thursday box lunches)
- 6:00 pm Dinner (*Catered*)
- 7:00 pm Overview: Brief Introduction to the GEP, Galaxy and G-OnRamp; Goals for the  
Workshop  
Jeremy Goecks and Sarah Elgin
- Overview: Goals of participants  
All attendees

***Wednesday, June 21 or July 26***

- 7:30 am Breakfast at the Knight Center (*second floor buffet*)
- 8:30 am Overview of Galaxy: Quick review of Galaxy 101/102  
Yating Liu, Luke Sargent, Wilson Leung and Jeremy Goecks  
*NSLC Computer Lab, Washington University Danforth Campus*
- 9:00 am Example: Using Galaxy for handling RNA-seq data
- 10:15 am Coffee break  
*NSLC Lounge*
- 10:30 am Introduction to G-OnRamp  
*NSLC Computer Lab*
- Practice time (walkthrough):  
Use G-OnRamp to create a genome browser for the *D. biarmipes* F element
- 12:00 noon Lunch: informal discussion (*Get sandwiches, salads etc. at the DUC,  
Starbucks, Subway, Grounds for Change*)

*NSLC Computer Lab will remain open for continuing work if desired*

- 1:30 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      Using 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      Issues with creating Genome Browsers for whole genome assemblies  
(optional)  
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, June 22 or 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      First working groups / optional sessions meet. Coffee available.  
*NSLC Tutorial Rooms*
- 10:00 am      Coffee break, *NSLC Lounge*
- 10:30 am      Second 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
- 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)
- 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: 05/22/2017