ITCR Training and Outreach Working Group

Thursday, February 8, 2018 Meeting Notes

3pm Eastern

Meeting phone number: 1-650-479-3207

Meeting number (access code): 733 094 302  
WebEx When it's time, [Join Meeting.](https://cbiit.webex.com/cbiit/j.php?MTID=m62939de65fa516e90c3943c42ea745cd)

Meeting password: TrainingWG2017!

**Google Doc for the Meeting:**

[ITCR-TOW-Feb-2018](https://docs.google.com/document/d/1TVTAlLA2NoVWhKka-ZRDY772RPQAId2FgZ6iG-1a6vc/edit)

**Attendees: Please sign in!!**

Mike Ryan, JHU / MD Anderson

Mary Goldman, UC Santa Cruz - yes, interested

Mervi Heiskanen, NCI

Bradley Broom, MD Anderson

Juli Klemm, NCI

Leah Mechanic, NCI

Brian Haas, Broad Institute

Tali Mazor, DFCI

Martin Morgan, RPCCC

Amanda Bell, GW

Vince Carey, HMS - yes

Andrey Fedorov, BWH/HMS

David Hanauer, U of Michigan

Simina Boca, Georgetown University

Michael Reich, UCSD

Hayley Dingerdissen, GWU

**Agenda/Minutes**

* General Announcements
  + Update AACR ITCR Education Session

The session is scheduled for Saturday, **April 14, 2018, 10:15am-12:15pm**. There will be 10 speakers giving 10 minute presentations, followed by a 20-minute final discussion. Shirley Liu will chair the session.

* ITCR Program Overview
* Xena
* cBioPortal
* IGV
* Next-Gen Clustered Heatmaps
* CRAVAT
* Trinity
* Cistrome
* TCPA
* NDEx
  + Update ISMB Special Session

A Special Session proposal was submitted on 1/30/2018 and decisions are expected 2/28/2018. The following exemplar/draft agenda was provided with the submission:



* Outreach Activities (type in here)
  + B. Haas:  Transcriptomics lecture & Trinity labs as part of the 2018 Krumlov Genomics Workshop:  <http://evomics.org/workshops/workshop-on-genomics/2018-workshop-on-genomics-cesky-krumlov/>
  + cBioPortal demo at BIDMC on Jan 29
  + GenePattern Notebook
    - ½ day workshop, 1/23, UCSD Undergraduate Bioinformatics community: <https://www.facebook.com/events/172014710069849/>
    - Seminar, 2/6, Cancer Therapeutics Training Program, Moores Cancer Center, UCSD: <https://medschool.ucsd.edu/research/moores/education/ct2/Pages/lecture-series.aspx>
    - ½ day workshop, 2/7, Broad Institute BroadE workshop series: [https://www.broadinstitute.org/broade/2018-workshops#](https://www.broadinstitute.org/broade/2018-workshops)
  + Jan 8-12, NA-MIC Project week #27
    - <https://na-mic.github.io/ProjectWeek/PW27_2018_Boston/>
    - Participation of several ITCR groups: QIICR (Fedorov/Kikinis), OHIF (Harris), C-BIBOP (Kalpathy-Cramer), Slicer dMRI (O’Donnell)
* Speaker:  Jonah Duckles - Executive Director of the Software Carpentry Foundation.  Software Carpentry is a worldwide organization that teaches researchers computing and data skills they need to get more done in less time and with less pain.  Jonah will be sharing the Software Carpentry philosophy and methods that have made its workshops so effective and popular.
  + Software and Data Carpentries becoming “The Carpentries”
  + Two instructors for all courses.  Helpers in the class.
  + Instructors are trained in a 2 days session
    - Focus on how to get students up and running in a command line dev environment
  + Debrief sessions after workshops to capture / improve
  + Courses on open source common license - maintained in git
  + Community updated
  + Instructors are volunteers - teach just a few courses a year.
  + Workshops - mix of small lessons and hands on exercises
  + Can’t teach everything - provide a “scaffold” that serves as a framework for continued learning but learners now know what is possible
  + Lessons have “maintainers”.  Contributors can put suggested changes in git and send in pull request to have the maintainer decide to add the change to the lesson.
* Next meeting - March 8th 4:00 PM EST
  + Round table discussion 'How to get more collaborators / hands on experience/feedback with users'
* Feedback on the idea to have an NCI-organized (and sponsored, since it is not free) instructor training - who would be interested to join?
  + Mary
  + Andrey Fedorov, HMS/BWH
  + Bradley Broom, MD Anderson
  + Vince Carey, HMS (copy and pasted from above)
  + Tali Mazor, DFCI