**ITCR Training and Outreach Working Group Meeting**

**Thursday, May 09, 2019**

**4:00 - 5:00 PM Eastern Time**

**Agenda**

1. ITCR announcements
2. Presentation by Jeffrey Leek [(http://jtleek.com/](http://jtleek.com/))

Title: **The future of educational content development is plain text**

Description: I will discuss our experience in developing content for 30+ massive online open courses serving more than 6 million enrolled learners over the last 6 years. My talk will focus on the issues that arise during development and maintenance of training materials particularly for fast evolving areas like computational biology. I will point to new technologies we are building leveraging plain text documents to produce videos, translations and interactive educational experiences.

*Bio: Jeff Leek is a Professor of Biostatistics at the Johns Hopkins Bloomberg School of Public Health and co-Director of the Johns Hopkins Data Science Lab (DaSL). He and his colleagues have developed and deployed more than 30 massive online open courses with more than 6 million enrollments. He leads the training component of the Genomic Analysis, Visualization and Informatics Lab-space (AnVIL) project for the NHGRI. His group has developed technologies including the swirl platform (*[*https://swirlstats.com/*](https://swirlstats.com/)*), the ARI video creation R package (*[*https://cran.r-project.org/web/packages/ari/index.html*](https://cran.r-project.org/web/packages/ari/index.html)*) and the didact package for MOOC creation (*[*https://github.com/muschellij2/didactr*](https://github.com/muschellij2/didactr)*).*

**Upcoming Meetings**

June 2018: topic TBD

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| **Webex Information:**  JOIN WEBEX MEETING  <https://cbiit.webex.com/cbiit/j.php?MTID=m90b62cf4b0ffc9b0c9e13b53425cc602>  Meeting number (access code): 733 094 302    JOIN BY PHONE  1-650-479-3207 Call-in toll number (US/Canada)    Global call-in numbers:  <https://cbiit.webex.com/cbiit/globalcallin.php?serviceType=MC&ED=574640482&tollFree=0> |

**Prior Meeting Notes:** [NCIP Hub](https://nciphub.org/groups/itcr/training_and_outreach_working_group_teleconference)

**Feedback about meeting or suggestions for future meetings:** [Anonymous Qualtrics Survey](https://umichumhs.qualtrics.com/jfe/form/SV_cIkVstbpgnbs4xT)

**Outreach Activities Since Last Meeting** (please fill in with new rows)

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| Name | Tool | Description of Activity |
| Tali Mazor | cBioPortal | Training for medical fellows at DFCI |
| Tali Mazor | cBioPortal | Training for any interested Boston area users |
| Martin Morgan | Bioconductor | Talk: R / Bioconductor for open-source analysis and comprehension of high-throughput genomic data ([BioME](http://bioinfo.imd.ufrn.br/nbf) conference, Natal, Brazil) |
| Michael Reich | GenePattern Notebook | 3-hour workshop, BioITWorld East, Boston, 4/18 |
| Michael Reich | GenePattern Notebook | 3-hour workshop, NASA GeneLab, Cambridge MA, 4/22 |
| Michael Reich | GenePattern Notebook | Half-day RNA-seq workshop, Boston University, 5/4/19 |
| Michael Reich | GenePattern Notebook | Talk at San Diego Jupyter Meetup, 5/8/19 |

**Attendees, please sign in here:**

Mervi Heiskanen, NCI

Rudi Pillich, UCSD

Bradley Broom, MD Anderson

Mary Goldman, UC Santa Cruz

Leah Mechanic, NCI

Tali Mazor, DFCI

Brian Haas, Broad Inst.

Martin Morgan, Roswell Park

Juli Klemm, NCI

Hiro Yoshida

Natalie Abrams, NCI

Andrey Fedorov, BWH/HMS

Michael Reich, UCSD

Bill Timmer, NCI

Mark Moll, Rice University

James Taylor, Johns Hopkins

Vincent Carey, Harvard

Hayley Dingerdissen, GW

**Minutes (everyone feel free to contribute):**