

ASMS Workshop report 2014

Analytical Core Directors Workshop

Organizers: Brett S. Phinney & Christopher M. Colangelo

1. Title of workshop and those presiding

Controlling and Measuring Variation in Sample Preparation and Data Analysis in a Core facility Environment

Speakers:

- Brett S. Phinney, PhD (UC Davis)
- Chris Colangelo, PhD (Yale)
- Will Thompon, PhD (Duke)
- Tomas Cajka PhD (UC Davis)

2. Date of workshop/meeting

Tuesday 5:45-7 pm Room 336

3. Estimate of attendance

Room was full. It was one of the smaller rooms, but still the attendance was very good

4. Summary of program and discussion

Brett, Chris and Will discussed ways to measure variation in sample preparation mainly regarding proteomics. Discussion included randomization, normalization, how to assess variability of a workflow, limiting and measuring variability in LC-MS/MS, QC pools, etc. Tomas discussed the same topics but for small molecules. The session was more of a roundtable discussion/workshop than a lecture format. We got a lot of good audience participation despite the format of the room. If you want this workshop to continue (I hope you do as there seems to be a lot of interest!) I think it would be better if we can organize the room differently to foster more audience participation. It was difficult for people in the back of the room to participate. Maybe the room can be set up with large tables?

We should consider trying a format similar to one of the unconference formats (unconferences are popular in Bay area of CA) next year to get more people to actively participate and to encourage speakers to have a more discussion and less lecture format.

<http://en.wikipedia.org/wiki/Dotmocracy>

[http://en.wikipedia.org/wiki/Fishbowl_\(conversation\)](http://en.wikipedia.org/wiki/Fishbowl_(conversation))

http://en.wikipedia.org/wiki/Speed_Geeking

Many people wanted to stay past 7 pm. I told everyone they were welcome to stay and keep talking. About 10-20 people stayed until 7:30 and about 5 people stayed until 8-8:15.

Overall there was a lot of interest and a lot of people that wanted to discuss topics related to core facilities. If we can format the room a little different next year I think it will be even better.

I got a lot of requests from people who wanted access to the slides presented during the workshop. I think it would be a good idea to host them on slideshare and then put a link from slideshare on this page

<http://www.asms.org/member-center/interest-groups/analytical-laboratory-managers>

Thanks for letting us put on the workshop. It was a lot of fun and very educational.

Brett and Chris