

**Meeting Minutes**  
**Institute for Systems Genomics Education Committee**  
**January 13, 2022**  
**11:00am-12:00pm**  
**Via Zoom**

**In attendance:** Mukul Bansal, Justin Cotney, Brenton Graveley, Alexander Jackson, Se-Jin Lee, Michael O'Neill, Rachel O'Neill, Laura Reinholdt, Joseph Tucker

Guests: Noah Reid, Jill Wegrzyn

**11:03** Meeting called to order by Rachel O'Neill

**1. Genomic Data Analysis Online Certificate Overview**

This agenda item is for information only.

Note, this certificate has been endorsed by Peter Diplock/CETL.

Discussion:

JC: What computer resources will be available?

NR/RO: Xanadu cluster/HPC resources, as possible.

It's also feasible to use Amazon web services.

AJ: Could these courses be available to graduate students as well?

RO: Those matriculated in the program have priority enrollment, if there are seats available we can open it to students in other programs.

LR: You might consider integrating some statistics review to the curriculum.

LR: Suggests introducing reproducibility ideas at the beginning of the curriculum.

MB: Adding a bit of biology background to the curriculum could attract a wider audience.

JW: The program can offer biology resources in advance, for those with limited backgrounds.

**2. Genomic Data Analysis GPAR Form**

This agenda item is for information only.

3. **Concepts in genomic data analysis I**
4. **Concepts in genomic data analysis II**
5. **Genomic data analysis in practice I**
6. **Genomic data analysis in practice II**

Discussion:

LR: Emphasized integrating gene set enrichment into the curriculum.

MB: Will students will be able to choose their own projects, based on interests?

NR: Yes, with guidance.

AJ: Offering a few projects they can pick from would also be beneficial.

*Justin Cotney motioned and it was seconded by Brenton Graveley to approve the Genomic Data Analysis Online Certificate Program. Motion carried unanimously.*

*Justin Cotney motioned and it was seconded by Laura Reinholdt to approve all courses, as presented. Motion carried unanimously.*

## **7. Review of CAR forms**

This agenda item is for information only.

**11:45** Meeting adjourned by Michael O'Neill.

Respectfully submitted,

Jessica Williamson  
ISG Program Assistant