

58th meeting of the GARNet Advisory Board

6th December 2016 1pm- 4pm.

Room BK157a, Main Biology building, Wentworth Way, University of York, York YO10 5DD

Lunch will be provided before the meeting from Noon.

Papers:

- > Minutes of 57th AB Meeting
- > CyVerseUK meeting proposal
- > GARNetNatVar16 Meeting Abstract Book
- > SEB/GARNet PTM Draft Meeting Schedule
- > GARNet sponsored session at Monogram17

Attendees: David Salt (DS), Katherine Denby (KD), Geraint Parry (GP), Sean May (SM), Sabina Leonelli (SL), Steven Spoel (SS), Michael Ball (MB, BBSRC), Jim Murray (JM, by skype), Ruth Bastow (RB by skype)

1. Welcome

- Meeting hosted by KD, chaired by DS.

2. Apologies

- Saskia Hogenhout (SH), Ian Henderson (IH), Jill Harrison (JH), Daniel Gibbs (DG), Murray Grant (MG), Nick Harberd (NH), Christine Raines (CR), Zoe Wilson (ZW),

3. Matters arising from minutes of last meeting .

- Update on outputs from GARNet/Egenis Meeting write up (SL, RB, GP).

SL reported this is an ongoing process. A commentary piece was submitted and received a good response from Chris Surrige at Nature Plants who asked for the manuscript to be expanded with a greater emphasis on examples of how researchers can share their data. DS suggested the focus of the piece should be discipline agnostic with a focus on plant science with examples of effective data management. The revision of the manuscript is underway with collaboration between SL, RB, GP, Rob Davey and Elizabeth Arnaud. SL hopes submission is possible before Christmas.

ACTION: SL, GP and RB to keep working on this

- Delegate feedback from GARNet2016 Meeting

GP outlined responses from the 37 attendees who answered the post-event survey. The vast majority of responses were positive. Some constructive comments included: *Coffee and Tea needed at registration, more opportunities for younger researchers to present their data, higher female representation, more time to view posters.* Each of these comments are reasonable and in future meetings will be accounted for, including in next weeks GARNetNatVar16 meeting.

DS asked if there was a future for the biennial GARNet meeting? The committee felt that there is an appetite for the meeting especially if it has a focus on training and technology development. GARNet2016 hosted three workshop sessions in the two-day meeting so the community already understands this is part of its remit.

SM suggested looking at whether there are repeat attendees between GARNet meetings. GP looked this up and there was no significant overlap between 2014 and 2016.

ACTION: GP to consider how we might encourage repeat attendance, perhaps by providing different training opportunities in each meeting.

- Discussion on GARNet involvement in Data Sharing in the plant science. Possible development of a document entitled '*Best practice for Data Sharing in the Plant Sciences*'.

Committee discussed how GARNet can address the issue of effective data sharing. Given the highly dynamic and varied nature of the field it was felt that preparation of a single document was inappropriate at this time. Therefore the most appropriate role for GARNet was to curate the available information and inform the community as to the resources available.

MB mentioned that this is an ongoing topic of discussion at the BBSRC, particularly surrounding the practical considerations of data management.

RB suggested that a flow-diagram to lead users along a path of data management options could be useful, even though the complexity of the incoming data and the divergence of available tools would make this challenging.

ACTION: GP to create a new 'Data Sharing' tab on the GARNet Resources page that highlights the tools and publications that are available to help interested users navigate this space.

4. Update from GARNet organised events

- 'GARNet Natural Variation 2016: From Genes to Discovery':

- Update on Final Arrangements

GP presented the abstract book, which contains all relevant information and will be released to the community when the meeting starts. There are 102 total attendees that include a full complement of delegates (76), speakers and sponsors.

- Future meetings.

- CyVerseUK Workshop: March 2017.

- Update from KD and GP: Meeting is now focused on early career researchers for whom an introduction to each of the CyVerse tools might be more useful. Price will be kept to £35 thanks in part to £1000 grant from SEB.

KD explained that each session will include a hands-on demonstration of the CyVerseUK tools followed by an example of a prior use that has biological relevance. SLs suggestion that the session on Data Management could be moved to the start of the meeting was well received. SL also suggested that a short discussion on ethics in data management could be included.

DS suggested that each session should be recorded and disseminated. The committee agreed this was a good idea. In addition DS suggested attendees could be provided with some pre-workshop 'homework' to set the scene and get attendees into the correct mindset for the meeting.

ACTION: GP to start general advertising the workshop before Christmas. KD and GP to skype with CyVerse PIs on January 6th to set the final agenda.

- GARNet session at Monogram meeting in April 2017.

- Update from GP about sponsored GARNet session entitled '*Arabidopsis to Cereals and back again*' at Monogram17. GARNet will provide 8x£200 travel grants for attendees. Committee was in agreement that it is a good idea to interact this community. DS suggested that this might become a more permanent arrangement.

- SEB/GARNet Workshop on '*From Proteome to Phenotype: role of post-translational modifications*': December 2017

- JM provided feedback from SEB Cell section meeting who agreed to support and fund the meeting. One comment asked for clarification as to who the meeting was for, either plant or animal scientists? SS said the plan was to attract mostly plant scientists in order to introduce them to this topic. The committee discussed options to increase female participation as well as to include talks from submitted abstracts. SS/GP discussing that removing some of the proposed speakers and replacing with short abstract talks would help with both these issues.

ACTION: SS and GP will finalise the schedule, liase with SEB and also contact proposed speakers to secure their attendance before the end of 2016. We will discuss with CR the possibility of securing JXBot support for a special issue on this topic.

- SEB/GPC Satellite Meeting on 'New Breeding Technologies in the Plant Sciences - Applications and Implications'

- RB outlined the plan for this meeting to be held as a satellite to the SEB main meeting (Gothenburg, July 2017). This will be co-organised with Barry Pogson (GPC) and Stefan Jansson (SPPS). The theme of the meeting is to discuss the policy implications of CRISPR-Cas9 technology as well as to provide detailed instructions about the nuts and bolts of generating gene-edited crops. RB is looking for suggestions for speakers for this two-day meeting. GP suggested that GARNet might provide travel grants for this meeting but the committee didn't think this was an appropriate use of funds given that there was already significant funding to attend the SEB meeting prior to the Satellite meeting. RB was hoping GP could provide some time to help with the planning of this meeting. The committee thought this was a good use of time.

ACTION: GP to liase with RB about the planning of this meeting.

- Proposed Meetings

- Workshop on CRISPR-Cas9: 2018

Committee agreed this would be a great idea.

ACTION: GP to plan venue for 2018 meeting and present at next meeting.

5. UKPSF Update:

- GP and JM provided an update on progress toward production of UK Plant Science Roadmap. This was largely positive as the document is now taking shape, even though there remain some significant issues that should be addressed when the document is sent out to the UKPSF community for 'Peer Review'. JM is particularly concerned about the lack of emphasis on basic science in the document.

- JM suggested that once the latest roadmap is disseminated GARNet could organize a small meetup to work on portions of the document that are relevant for the GARNet community. This will hopefully motivate other communities to act similarly in order to ensure the success of the document. RSB would be made fully aware of this session.

ACTION: Once latest Roadmap document is released, GP to contact a small group of GARNet contributors with the possibility of arranging a two-day get-together in January 2017.

6. Funding News

- Update on recent letters of support supplied by GARNet

GP provided information that is available on request. The committee

also discussed GPs involvement on the steering committee of the BBSRC-funded JIC CRISPR-Cas9 Barley/Brassica resource. It is clear that some aspects of the advertising and communication associated with this resource could be improved.

7. AOB

- Outreach Internships (GP)

GP presented an idea suggested by George Bassel to provide funding for a summer undergraduate internship for a project involved in a GARNet-related area. The committee discussed this idea but didn't think it was a good use of funds. However the committee suggested that GP could put together a list of potential GARNet-related projects that might be appropriate for an undergraduate researcher. In addition GP will continue to highlight and promote plant undergraduate research projects that are available.

ACTION: GP to provide a list of possible GARNet-related internship projects for undergraduate students.

- GARNet Election and Future Election Policy (GP and SM).

GP outlined the 2016 process that allowed for 8 nominated academics to stand for election. Subsequently 150 people voted that Murray Grant, Jill Harrison and Daniel Gibbs should join the committee from 2017. The committee felt there was no need to make major changes to the voting process but that more awareness is needed to encourage nominations. The committee thought we should encourage more diversity of applications. Primarily this might be achieved by reminding people that they can nominate more than one person.

DS suggested committee members might be more proactive about representing GARNets work so as to encourage future nominations for election to the committee.

ACTION: For the 2017 election GP will alter wording of the initial nomination communications. GP will also prepare a 'GARNet slide' for committee members to use in their presentations.

- New GARNet Committee Chairperson

SS agreed to take on this role and thanked DS for his great work for GARNet over the past three years.

8. Dates of Upcoming Committee Meetings:

- Please put these dates in the diary:

- Thursday March 23rd- London, committee members to investigate venues that might be cheaper than CDH.

- Tuesday June 13th- Venue TBD

- Monday September 11th- Venue TBD

- Thursday December 14th- Edinburgh (after SEB PTM meeting).

This might include Christmas meal and overnight stay.