

4DN Steering Committee Meeting
September 17th, 2019
8am - 9:30am PT, 10am-11:30am CT. 11am-12:30pm, ET

[Play recording](#)

Discussion Leader: Clodagh O'Shea

APPROVED: 7/18/2019 MEETING MINUTES [TIMESTAMP – 00:00:25]

Reminders:

1. Fill out the data generation response form from DCIC if you have not done so.
2. Let DCIC know if you have any feedback on curating experimental assays.

Last SC meeting (Clodagh) [TIMESTAMP –00:00:59]

1. Please login to Wiki to register for the annual meeting and reserve your hotel rooms.

Announcements from NIH (Judy) [TIMESTAMP –00:01:23]

1. Remind everyone that the contact for continuation into the second phase of the 4DN was approved this summer by our advisory council for the Common Fund of Council of Counsels. The second stage is intended to begin in fiscal year 2020, following the first phase. The focus areas for phase 2 are described on the NIH Common Fund 4D Nucleome site. You can find it at commonfund.nih.gov/4dnucleome. It is also linked from our 4DN portal. The initiatives are still under development but are slated for publication at the NIH guide at the end of this calendar year, hopefully November, possibly December. Stay tuned for any announcements we can make or FAQs we can present to everyone before publication of the initiative will be found in the 4dn website (commonfund.nih.gov).

OH update (Sheng/Xiaoyi/Kate) [TIMESTAMP – 00:03:56]

1. **Annual meeting logistics: as of 9/17/19**
 - a. Total number of registrants: 85
 - b. Total number of hotel reservations: 29 guests
2. **Reminder:** Planning Committee meeting: September 20th
 - a. All PIs are encouraged to attend the next planning committee meeting. All feedback is welcome. Draft agenda will be a major topic of discussion. You can join the committee mail list and receive updates by adding the “2019 Annual Meeting Planning Committee Member” 4DN Role to yourself on people.4dnucleome, then click “Update” to save.
For Webex login information please see below:
ANNUAL PLANNING COMMITTEE MEETING 2019
Friday, September 20, 2019 | 11:30 am Pacific Daylight Time (GMT-07:00) | 30 minutes
Recurrence: The 3rd Friday of every month, from Friday, April 19, 2019,
Meeting number: 808 072 045
Meeting password: Q37ryPYp
Meeting link:
<https://4dnucleome.webex.com/4dnucleome/j.php?MTID=m9782a3e5d160ce0803b7c8d2d8a30b81>
Audio connection: +1-415-655-0002 US Toll
Access code: 808 072 045

b. Summary of the current status of the Planning Committee:

- i. Meeting is on Dec. 4-6. December 4 is the consortium only meeting and December 5-6 is the open meeting. We have a good idea of the format of the open days. There will be 4 sessions for the morning and afternoon. Speakers were nominated and voted and were invited by the committee. There will be plenty of room for abstract selected talks (36 slots). For the forthcoming Planning meeting this Friday is to finalize the format for all 3 days. We do not need to necessarily fill out every speaker name slot for the sessions, but rather we need to finalize the slots, what are the sessions, and how much time is each session and slot. That would be the goal for this Friday's meeting. We would like to open up the meeting and the next planning meeting on October 18th to call in. If you would like to become a Planning Committee member, please send an email to OH. You are welcome to chime in on the planning process. If you are a planning committee member, you will be assigned as reviewer for abstracts. Reminder that the hard deadline for registration is October 15th. All PIs are encouraged to remind their lab members to register for the annual meeting.
- ii. There is only one registration website that is managed by OH. ASCB has an entry point for ASCB members and attendees to see the Satellite meeting. Deadline is October 15th. Please advertise to all your departments.

3. Announcing [people.4dnucleome \(the 4DN Directory\)](#) (Xiaoyi)

- a. 4DN network has been growing continuously:
 - i. More than 500 members from 100 institutions.
 - ii. More than 140 labs joined the consortium.
 - iii. More than 10 subgroups.
- b. Challenges in Personnel Management:
 - i. Difficult for all to know about the other 4DN members.
 - ii. Takes time for members to know their own WG membership or all members within a WG.
 - iii. Became hard for members and/or their supervisors to update their information across the 4DN.
- c. Solution for challenges: People.4dnucleome
 - i. One-stop destination for all 4DN personnel information, access properly controlled.
 - ii. Manage your own profile (shared with 4DN Wiki).
 - iii. Participate in 4DN WG (synchronized with related email lists).
 - iv. Manage team members (PIs can delegate team management roles to specific members).
 - v. Synchronization with 4DN Data Portal.
- d. Questions:
 - i. *If you have a lab member who was a part of your lab and then sets up their own lab, should they still be a 4DN member?* - Yes, all the 140 groups are associated with one or more 4DN grantees. If your lab member becomes an independent PI, you can still add them as 4DN collaborator and they will be associated with you. The system is able to accommodate this.
 - ii. *If I have a new lab member who is working on a 4DN member, and I'd like to*

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add her, do I have the ability to do that in using the current web portal? - Yes, all the PIs have the authority to add new members under their own lab. Login and click on the Add Members. The PI can also designate one or more of their members as Lab Manager or Facility head roles which allows them to access the ADD Members as well.

- iii. *In terms of the committee membership, you do designate as a manager, can they add themselves to the committee or is there a restriction?* Some of the WG are somewhat restricted, such as Steering Committee. These will need approval from OH. Some of the WGs are also restricted to PIs only.

DCIC update (Burak Alver) [TIMESTAMP – 00:28:27]

1. [Slides](#)

a. Updates:

- i. Data Release updates: 42 new 4DN experiments sets have been released since July 16th.
- ii. Three collections are from pre-prints. One is not yet submitted to journals/biorxiv.
- iii. Reminder to everyone to contact DCIC in a timely manner when you have your data ready.
- iv. MARGI pipeline is implemented on the portal. Huge thanks to Zhong lab (Sheng and Frank!).
- v. Annual meeting is in two months. Please check your lab's data submissions now.

b. Questions:

- i. *Clodagh: Would people be interested in large imaging data sets (e.g. chromEMT) and what is the plan to share them?* - We do not know how much demand there will be to re-analyze microscopy data. Therefore, our current approach is to collect a subset of the raw data for each imaging data set. This allows the data set to get publicity and for interested labs to easily access sample data for exploration. If they decide that the data is useful for them, they can contact the data generating lab for the complete data set. So far, we have had one example of such an interaction.
- ii. *From your point of view, what kind of analysis or what could this data be useful for? What kind of people do you think are interested in further analyzing based on what you are providing? (Clodagh, Olivier, Andy, Ananda)* - We now have the ESL data set. We can visualize the polymer and potentially map the interactions. We can potentially move to the Omics data set. People who are interested can contact Clodagh directly for the raw data. Ananda attended the Cold Spring Harbor Transcription meeting and there were a lot of people interested in looking at separation and liquid condensates. Each and everyone asked about Clodagh's data. There is a great interest in the gene transcription regulation world, how to use this or whether it can be used. There is a broad

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interest in using Clodagh's technology. A reminder that this is our last meeting for the phase 1. So please submit data as much as you can on the DCIC. It will be helpful for us at the consortium level and to advertise to the community for the 2 day open meeting. We would be happy to work with everyone on where to host it or how to make it available.

New/Other Business [TIMESTAMP - 00:50:25]

1. None.

Action items [TIMESTAMP – 00:50:46]

1. Please register for the annual meeting. Deadline is October 15th. Also log in to the 4DN Web Portal and check out the 4DN-ASCB Satellite meeting page for more information.
2. Please check out the new 4DN Directory.
3. Planning Committee is on Friday, September 20th. All are welcome to join.