

Bioconductor Community Advisory Board (CAB) Agenda

13th May 2021, 8am EST

Members: Kozo, Matt, Aedin, Yagoub, Lori, Johannes, Saskia, Susan, Leonardo, Benilton, Daniela, Katerina, Estefania, Kevin, Mike

Attending: Kozo, Matt, Aedin, Yagoub, Lori, Johannes, Saskia, Susan, Benilton, Katerina, Estefania, Kevin, Leonardo

Apologies: Daniela, Mike

Guest: Levi

Schedule

:00 - :05: Welcome!

Election Results:

There was one person running for each position unopposed; therefore no vote.

Chair: Aedin

Co/Vice Chair: Matt

Secretary: Lori

:05 - :07 Review minutes from previous meeting for posting

[Minutes 4-8](#)

Action Item: Approved!

:07-:10 Report from TAB meeting

- April developer forum dedicated to release 3.13 (<https://www.youtube.com/watch?v=UWsBcpvsQU8>)
- <https://code.bioconductor.org/> (by Mike Smith) allows browsing and searching the code of all current Bioconductor software packages. See [slack post](#).
- Matrix methods call/lightning talks: [slides](#), [recording](#)
- Updates to the [TAB](#) website (by Aedin) includes photos
- Open call nomination of TAB ([nomination form](#)). The terms of Vince Carey, Levi Waldron, Martin Morgan, Wolfgang Huber, Kasper Hansen and Rafael Irizarry expire on August 1, 2021. **Action Item: Tweet it/Broadcast it**
- Discussion on build system -
 - package maintainer - extensive human intervention required for keys, changes of access/maintainer. Solution possibly (Identity and Access Management- IAM)
 - Archives - Controlling the costs/ Access previous releases /Packages or Hub data. Expensive of big downloads and repeated downloads (mostly coming from package installs)
 - Synchronized devel build reports- daily or less frequently. Git Actions /Docker/Kubernetes

- Keep 1 package 1 maintainer (simpler, avoids disputes)
- New Infrastructure committee concept (leader:Levi) with mandate to advise and steer the implementation of Bioconductor infrastructure
 - 1. data resource management (including EH/AH)
 - 2. build system
 - 3. Bioconductor identity (IAM?)
 - 4. Website
 - Members: Lori Shepherd, Nitesh Turaga, Herve Pages, Vince Carey, Jennifer Wokaty, Levi Waldron. May include Azure representative (Erdal), Sean Davis, Leo Collado Torres, Johannes, Kevin, Susan,

:11 - :20 Funding

- List of Other/Potential Funding applications (should be regular CAB agenda item)
NSF, CS&S event fund, Burroughs Wellcome Fund, Sloan Fund

Submitted (EOSS4-000000020, PI, Aedin C.) a Letter of Intent to the CZI EOSS Cycle 4. We will know by April 20th if we are invited to submit a full application. If so that will be due by May 19th 2021. Requested budget of \$375 K which is \$318 K + 15% indirect (overheads), over 2 years. Goals are to 1) redevelop the website; so its more welcoming and useful to newcomers, mobile-friendly, integrate Bioconductor web presence YouTube/web etc and include kaggle style continuous engagement 2) set up training course infrastructure; fund Capentries membership, train instructors, develop educational modules, support Sean's Orchestra workshop interface, and support closed captioning and translation services so courses can be provided in local languages. It would employ 2 people, a web developer and training & support officer, fund a professional virtual meeting platform, Capentries and Orchestra. Vince Carey also submitted an aligned proposal (EOSS-0000000218).

Current Draft of proposal- needs to be ready for internal submission by May 15th

Aedin C. contacted the NIH NHGRI to request if we could submit an [R13 application](#) to fund Bioconductor annual meetings. Aedin and Vince Carey attended a call with the program officer Monday, April 5th at 3:30 – 4:00pm EST. They showed preliminary interest. Need to submit a 1 page application and program of last 3 conferences. NHGRI supports the AnViL project, so need input from people on the AnViL project/genomics aspects. **Action Item:** Join in writing the application?

:20 - :50: Priority CAB activities

- Request from the Bioc2021 conference meeting for a new working group to work on privacy policy statement and related issues.
 - To comply with VA, CA, GDPR, etc., we need to have a formal privacy statement, ability to delete records, and have governance over how these data are used now and in the future.
 - Useful links, legal stuff- [background to privacy](#) example: [CSCCE policy](#)
 - Do we have access to legal counsel?
 - Not officially on retainer
 - Pro-bono support for non profits in Boston - [SOAR](#) pro-bono non-profit lawyers
 - Are there different standards/policies for different countries?
 - **Action Item: Committee members:** Katerina, Benilton Carvalho Estefania (CRG, Barcelona)

Training and outreach

- Beginner training: Charlotte and Laurent indicated time is a limitation in developing training material. Could the community have a jamboree (maybe at Bioc2021 or outside of it) to develop materials with The Carpentries trained folks. Would that be useful
 - <https://github.com/jdrnevich/BuildACarpentriesWorkshop>
 - [Bioc Project](#) Carpentries (link shared by Kevin)
 - Curtis Kephart is the outreach officer for RStudio and has developed RStudio, basic R workshop. Might be worth a link (or contacting). He is eager to work with us
 - Bioconductor for R users available from [Wolfgang Huber and Susan](#)
 - Important to make re-usable modules that can be included into different courses, especially important at the beginner level.
 - **Action Item:** List of Bioconductor affiliates that are carpentry trained? Where should this reference be kept?
 - Saskia, Kevin?
 - Who is interested in training: Susan, Benilton, Yagoub, Aedin
- Developer training: mentorship program next steps (draft proposal). What is needed to begin this at the next package release cycle?
 - Shoot for Sept before next release (~Oct) but if becomes too burdensome than implement before next Spring release (~April)
 - <https://github.com/kevinrue/BiocPackageSoftwareTemplate>
 - https://github.com/SaskiaFreytag/making_bioconductor_pkg
 - <https://github.com/lshp/MakeAPackage>
 - biocthis <https://bioconductor.org/packages/biocthis>:
 - `use_bioc_pkg_templates()` creates 4 dev/*.R scripts that guide you in the process of setting up an RStudio project for a Bioconductor-friendly R package

https://lcolladotor.github.io/biocthis/reference/use_bioc_pkg_templates.html.

- 2021-01-28 two minute video in Spanish for ConectaR 2021 <https://youtu.be/3fLNsLchPnl>. Slides in Spanish: <https://speakerdeck.com/lcolladotor/biocthis-conectar2021>.
- 2020-11-05 slides in English for the Bioconductor Technical Advisory Board <https://speakerdeck.com/lcolladotor/biocthis-tab>.
- 2020-09-10 55 minute video in English <https://youtu.be/aMTxkYsM-8o>. Slides in English <https://speakerdeck.com/lcolladotor/making-bioc-packages-with-biocthis>.
- Kayla's from Bioc2020
- Outreach brainstorming ideas
 - Would a regular drop-in event be useful (eg gather.town [Test instance](#))
 - Other ideas???
- Inclusive web design [blog with suggestions](#)

:45 - :50 CAB Regular Working Groups Reports

- [Working Group Updates May 2021](#)
(Leadership of working groups please review doc, answer questions)
- Any Issues needed to be addressed by the CAB?
 - Bioc2021 Awards
 - We wanted to revisiting voting committee before voting closes on May 31st
 - We were leaning towards only CAB voting and eliminating voting from Bioc2021 conference committee. Do we still agree only CAB will be voting committee?
 - Accepted! CAB only voting
 - Please Tweet and advertise!! Deadline May 31 st!
 - <http://bioconductor.org/about/awards/>
 - <https://forms.gle/d9PyAjAw62yVKxjL8>

:50 - :55 Bioconductor Event Reports

- Bioc2021
 - Bioc2021 (Aug 4-6): 126 submissions received. Accepted 48 short talks, 21 package demos, 12 long workshops, 1 birds-of-a-feather, 43 posters. Scheduled

from 6am-8pm Pacific time (incl. 2 long mid-day breaks) to accommodate speakers from all timezones.

- Bioc2021 [scholarships](#) are open (Please tweet)
- Bioc2021 [caregiver scholarships](#) up to \$300 for child or elder care during meeting
- 45 min dedicated to a "Meet the CAB" session suggestions for structure/topics to discuss?

Action Item: There is a slide deck started for first year reports/updates [first year](#). Similar to last year there will be a slot at Bioc2021 for meet the CAB (TAB/Core/etc) so that we can have the community come to see who is on the board and get an update on CAB activities.

- BiocAwards Aug 5th. 15:30 - 16:00 (GMT-4 / Boston / EST)
- Meet the CAB Aug 6th 17:00 - 18:00 (GMT-4 / Boston / EST)
- useR conference - volunteers
- Any Issues needed to be addressed by the CAB?

:55 - :00 Other Business

CAB monthly meeting time

Action Item: Vote 2 hours later?

Approved!

Action Item: Change calendar invite (Kozo)