



EDUCATION COMMITTEE

American Society of Plant Biologists

Committee meeting, Tuesday 3 August 2021 12:00 pm EDT
Via Zoom at <https://zoom.us/j/95623178230>

COMMITTEE MEMBERS:

Erin Friedman (chair), Susan Bush, Katelyn Butler, Ashley Cannon, Jonathan Gilkerson, Valerie Haywood, Estelle Hrabak, Joseph Jez, Tara Phelps-Durr, Maria Elena Zavala, Winnie Nham (staff)

Agenda

1. **Welcome** [12:05 PM] At meeting: Erin, Estelle, Susan, Jonathan, Katelyn, Erin, Ashley, Joseph, Tara, Winnie
2. **Approval of the agenda**
3. **Announcements** (5 min)
4. **Agenda Item 1: 12 Principles Update** (15 min)
 - a. Sub-committee: Katelyn, Ashley, Susan, Jonathan
 - Met a number of times over summer (8 on committee: Each EdCom member paired off with one external volunteer)
 - 4 NGSS categories. Have gone through rounds of drafts, about 15 principles. Meeting tomorrow to flesh out details and then ready to pass onto Education Committee
 - Should know by tomorrow (8/4) when the principles will be ready for EdCom input
 - Each principle has 4 summary paragraphs. Also aligned with NGSS standards in a table, and aligned with AP Biology learning objectives
 - Sub-committee discussed whether it might be useful to have learning objectives for each of the principles; concluded that it might not be useful since the NGSS standard is the learning objective □ could use EdCom input on this
 - If the external volunteers wanted to continue work on these principles, can invite them to apply for BLOOME to develop the labs
 - Possibility of making BLOOME exclusively 12 Principles oriented, possibly divvying up into smaller grants
 - Development of icons to apply to each of the principles. 4 broad header icons, or 1 icon for each of the principles?
 - Idea is that each principle will have its own activities, accompanying lab exercises, etc.
 - Or: an icon header for “heredity” or “ecosystems” grouping the related principles together
 - Estelle knows someone who is a graphic artist, could potentially be interested
 - b. Anticipated timeline for EdCom input/approval
 - Type of product for EdCom to review at this meeting: text ready for review, tables w/ principles, tables comparing to NGSS/AP Bio etc.
 - Crispin suggested EdCom should present to Society at large □ need clarification for what this means/what needs to be presented (announcement vs feedback)
 - BLOOME goes out in January, so having something ready by Council meeting in October this should allow proper time for feedback. Plan on wrapping up with volunteers by end of August, any additional work will be done by Katelyn/Ashley/Susan/Jonathan in September and presented to EdCom.
5. **Agenda Item 2: PB21 Recap** (10 min)

- a. Concurrent- Nice that everything was a la carte/on demand, but difficult to login and have everyone be at different points in the videos. Need more time to get through the talks for live Q&A.
- b. Workshop
- c. Networking- Had good turnout and discussion at networking. Platform (Gatherly) didn't have any perceived benefits over Zoom. Talked about developing synergy between society committees.
- Any feedback for a hybrid conference next year- please share with Erin
 - Accessibility component of virtual conference is nice for those who may not be able to attend in person
 - Possibility of presenting live but offering recordings later for accessibility and potential income stream

6. Agenda Item 3: Brainstorming Community Integration at Meetings (20 min)

- a. PB22 and beyond- How can ASPB engage local communities where we have a conference presence
 - Family day partnering with museum/botanical garden
 - Bring in K12 educators (reach out via state teacher organization?)
 - 'Teaching demo' of 12 Principles (K12 is normally not in school during our annual conference). Way of offering as credit for K12 educators? Or, incorporate into ongoing discussion (part of ed workshop) and introduce them to the Society and ask them what they need from us
 - Symposium with booths beforehand
 - Good opportunity to reach out to other ASPB committees, local sections
- b. NABT/NSTA/etc.

7. Thank Yous

8. List Action Items (5 min)

- 12 Principles Subcommittee- set September meeting
- Brainstorming about outreach at future meetings
- Maria Elena, Estelle, Ashley rotating off October 1- thank you for your service!

9. Adjournment [Note time]