

**Minutes for SIVB BOARD OF DIRECTORS MEETING
June 5, 2020**

Participants: Alan Wenck (President), John Harbell (Past President), Addy Alt-Holland (President Elect), Piero Barone (Vice President), Sukhpreet Sandhu (Secretary), Barbara Doonan (Treasurer), Kan Wang (Member-at-Large-PB), John Finer (Member-at-Large-PBS), Todd Jones (Member-at-Large-PB), Michael Dame (Member-at-Large-IVACS), Cynthia Goodman (Member-at-Large-IVACS), Raj Deepika Chauhan (Program Chair), Michael Fay (Publications Chair), Wayne Parrott (Public Policy Chair), Brad Upham (Education Chair), Harold Trick (Outgoing Secretary), Veena Veena (PB Section Secretary), Dwight Tomes (Outgoing Past President), Jessica Rupp (Outgoing PB Secretary), Marietta Wheaton Saunders (Managing Director), Michele Schultz (for Publications),

The Meeting was called to order at 10am (EST) on June 5, 2020. The meeting was convened by phone/zoom.

1.0 INTRODUCTION

1.1 Adoption of Minutes

The Board of Directors reviewed the minutes from the February 2020 Board of Directors Meeting.

Motion: A motion was made to adopt the minutes from the February 2020 Board Meeting. The motion was seconded and passed.

1.2 Adoption of Agenda

The Board of Directors reviewed the agenda for the June 2020 Board of Directors Meeting.

Motion: A motion was made to adopt the agenda for the June 2020 Board Meeting. The motion was seconded and passed.

1.3 Review of Board Responsibilities/Committee Chair

Marietta reviewed the responsibilities of each of the board member and committee chairs positions to familiarize the incoming officers with their responsibilities.

1.4 Outstanding action items

The secretary read the outstanding action items and the board members gave updates.

Outstanding Action items from the June 2016 Board Meeting

1. Action Item: Recommendation for the Long-Range Planning Committee to evaluate and develop programs targeting groups (e.g., postdocs) to join SIVB and forward those programs to Membership Committee. **2020 February Update:** No new updates. **2020 June Update:** Allan, Addy and Vivian will work together to make some recommendations. The action item is ongoing.

Outstanding Action Items from October 2017 BOD meeting

2. Action Items: John Harbell and the public policy committee approach Greg Davis at Sigma to help to write a public policy on GE animals. **2019 September Update:** John, does not feel qualified to take a lead on this point. Wayne suggested Alison L. Van Eenennaam to assist on

drafting the position. Wayne will send John H. her contact information. **2020 February Update:** Wayne has sent John a few potential contacts and John is communicating with those contacts. **2020 June Update:** John was working toward drafting a public policy statement with Alison L. Van Eenennaam but due to the pandemic, this was placed on abeyance. The action item is **ongoing**.

Outstanding Action items made at the SIVB BOD Meeting June 1-2, 2018

3. Action item: Marietta will contact Albert Kausch as Education Chair to assist the students in next year's competition and to help formalize the process. **2019 September Update:** The Business Office will be preparing a draft SOP for the competition for Albert and the students review and revise to fit the program. **2020 February Update:** This information has been prepared and is being distributed to the Student Co-chairs and last year's poster competition organizers to assist with the 2020 Poster Presentation Competition. **2020 June Update:** Marietta and Brad will take this further for the 2021 meeting. This item is **ongoing**.

4. Action Item: Brad Upham and Michael Dame will do an analysis of local support for the upper Midwest and identify stakeholders for both IVACS and PBS. November 2018 Update: Brad's department head and Justin Colacino are interested in looking into the Grand Rapids area. **2020 February Update:** Brad will provide his report to the board next week. **2020 June Update:** Brad provided this information to John Harbell. John will send this info to Marietta and this will be discussed for the 2023 meeting. This action item is **completed**.

Outstanding Action items made at the SIVB BOD Meeting in March 2019

5. Action Item: Marietta will provide the fundraising/development committee with past grant proposals submitted on SIVB's behalf for possible NSF grant. **2019 September Update:** Wayne provided with a link to a document regarding NIFA grants to the Business Office. After this meeting, the Business Office will begin to look at what would be required to file a grant for the upcoming meeting. **2020 February Update:** Sukhpreet will coordinate with Marietta on looking at filing an NSF grant. **2020 June Update:** The USDA grant was submitted and received. This item is **completed**.

6. Action Item: Ad hoc committee will be formed to discuss the criteria and award level for the Michael Horn Endowment Fund. John Finer will chair this committee. Jerry Ranch and Dave Songstad were suggested as members on this committee. **2019 September Update:** Need to follow up with the committee to get traction on this action item. The action item is **ongoing**. **2020 February Update:** The Business Office reached out to John Finer to request a conference call be arranged for the committee. A meeting will be scheduled late next week to discuss options. This action item is **ongoing**. **2020 June Update:** The committee meeting took place and it was decided the funds will be utilized to sponsor a Plenary Session which will be called Michael Horn Emerging Technology Symposium. There is about \$18,000 in the fund and it will contribute \$1,000 to support the Plenary Session. This session will be a 'Joint Session' and will become a part of the 2021 program Plenary Sessions. This item is **completed**.

Action Item: Deepika will coordinate with the PB and IVACS Program Chairs to organize the Emerging Technology Joint Symposium in the 2021 meeting.

Motion: A motion made to allow transfer of funds from the Michael Horn Endowment Funds to support a Joint Symposium on Emerging Technologies. The motion was seconded and passed.

7. Action item: The Development Committee will work to getting the past and current student co-chairs involved in grant writing for session support. **2020 February Update:** The students will be included on email communications as the grant writing proceeds. The action item is **ongoing**. **2020 June Update:** Student involvement in grant writing was limited due to the tight time frame in which the last grant was developed. Piero will take this up with Max and Sadanand to increase student involvement in grant writing process. This item is **ongoing**.

Outstanding Action Items (2019 September BOD Meeting)

8. Action item: Wayne Parrot, John F. and Harold Trick will pose questions on the Society website forum to help kick start discussions. **2020 February Update:** Marietta sent a reminder to Wayne to have his colleagues set up accounts on the discussion forum and begin to post questions and replies. Once those posts are propagated on the site, Marietta will be sending out a broadcast email and social media posts to draw participation to the page. As of this time, no posts have been added to the forum. This action item is ongoing. **2020 June Update:** The progress has been stalled due to COVID-19. This action item is **ongoing**.

9. Action Item: Wayne with student reps (Bretton Hale and Cristopher Calvo) will look into how to renovate the Non-competitive Oral Presentation Session as a session on Science communication, graduate student mental health or a workshop on how to present research. **Marietta** will assist with scheduling the session in the program once it is determined. **2020 February Update:** There is currently a time slot from 3:30 – 5:00 pm on Monday, June 7 being held for this new session should the non-competitive Oral Presentation Session be transformed into this new program. At this time, the Business Office is waiting on details from Wayne, Brett and Cristofer regarding this new session to advertise it in the meeting program. This action item is **ongoing**. **2020 June Update:** Marietta will move forward with Brad and the new Student Chairs for the 2021 Meeting once they are elected to determine their program. This action item is **completed**.

10. Action Item: After the 2022 Hotel contract is signed, **Marietta** will look into Asheville, NC; Portland, ME; Savannah, GA; and Athens, GA for the 2023 meeting. **2020 February Update:** This process will begin when the 2022 Meeting contract is signed. This item is **ongoing**. **2020 June Update:** Due to COVID-19, we had to switch gears and this will be discussed during this meeting. This action item is **ongoing**.

11. Action item: The **Publications Committee** to talk to Springer on the subject of Plan S as it affects our royalty stream. **2020 February Update:** The Business office provided this question to Beatrice Menz, our new Editor at Springer. To provide a more informed response, she noted that Springer will do an analysis of the content regarding the trend in recent years with the journals and Open Choice, for example where the authors are coming from by geography and how much of the author base is receiving coalition S funding. She also provided some links to press releases and the ongoing discussion on this issue at <https://www.coalition-s.org/coalition-s-response-to-springer-natures-open-letter-on-transformative-journals/> and

<https://group.springernature.com/gp/group/media/press-releases/springer-nature-comment-on-revised-plan-s-guidance/16762552>. We are planning to discuss this further with her in person during the June Springer/SIVB/IAPB Meeting. This item is **ongoing**. **2020 June Update:** This will be discussed during the Publications committee in BOD meeting and further in Publications Committee meeting. This item is **ongoing**.

12. Action item: Award Committee should examine renaming the Young Scientist Award for future nominations as it may be considered discriminatory. “Early Career” may be more appropriate. **Marietta** will take this issue back the Awards committee. **2020 February Update:** This issue will be discussed at the June Awards Committee Meeting. This action item is **ongoing**. **2020 June Update:** This will be discussed in the Awards Committee meeting. This item is **ongoing**.

Outstanding Action Items (2020 February BOD Meeting)

13. Action Item: Marietta will promote the Society’s listing on Amazon Smile through avenues such as mass emails, website prominence, and meeting brochures/posters, etc. **2020 June Update:** Amazon Smiles is now listed on the SIVB website, but more promotion needs to be done on social media. This item is **ongoing**.

14. Action Item: A sub-committee will be formed to review the contracts in light of the Covid-19 outbreak and formulate a contingency plan in case of cancellation of meeting. The sub-committee will include the President, President Elect, Past President, Treasurer, and Kan Wang. The subcommittee will also come up with a statement on cancellations pertaining to this contingency plan. **2020 June Update:** This action item is **completed**.

15. Action Item: John Harbell will ask Raj Deepika Chauhan to Chair the 2021 program. **2020 June Update:** This action item is **completed**.

16. Action Item: Marietta will contact Richard Heller for assistance on suggestions for a Chair for the Local Organizing Committee for the 2021 meeting in Norfolk, VA. **2020 June Update:** This action item is **completed**.

17. Action Item: Marietta will provide try to negotiate Memphis concerning the 14-month booking limitation and look to get the hotel room rate at St. Louis reduced to 2018 figures. Marietta will get back to the board via email on her findings. **2020 June Update:** The 14-month requirement could not be changed. This action item is **completed**.

18. Action Item: Marietta will provide Ian Curtis’ and Fredy Altpeter’s packet for Maria to review and the board to vote on electronically shortly thereafter. **2020 June Update:** This action item is **completed**.

19. Action Item: Maria will provide the board with a detailed listing regarding issues with the nominating process and composition of the committee. **2020 June Update:** This action item is **completed**.

20. Action Item: Awards Committee to consider a special team recognition award or allow in a current award. **2020 June Update:** This will be discussed in the Awards Committee meeting. This action item is **ongoing**.

21. Action Item: Marietta will look into whether we have a space in the program for an FDA stakeholder input on gene editing of animals/plants. If space available John or Alan will write a letter to invite FDA and/or USDA representatives. **2020 June Update:** This action is **completed**.

Action Item: Deepika will ensure to invite USDA/FDA representatives for panel discussion on stakeholder input on gene editing in animals/plants for the 2021 meeting.

22. Action Item: John Harbell and Dwight Tomes will prepare testimonials for charitable contributing to society for the In Vitro Report. **2020 June Update:** This action is **completed**.

1.5 Deceased Members/Emeritus Ratification

1.5.1 Deceased members.

The board acknowledged the passing of **Trevor Thorpe**.

1.5.2 SIVB Members Being Considered for Emeritus Membership.

Yvonne A. Reid has applied for Emeritus status. A discussion followed and her bio was reviewed.

Motion: A motion was made to approve emeritus membership for **Yvonne A. Reid**, and the motion was seconded and passed.

2.0 WORLD CONGRESS UPDATE

2.1 2020 World Congress Update

Michael Dame gave the introduction on the World Congress and discussed the program.

Marietta discussed the transition of the 2020 World Congress and moving it to a virtual pre-recorded event. In mid-March, the county of San Diego released an order that bars, restaurants, and more would close and no groups over 50 people could gather in any one place at a time in San Diego County through March 31. Soon after that, the California Governor's Executive Order N-33-20 was released that became effective on March 19, 2020 and was in effect until further notice stating the closure of convention centers and disallowing gatherings of more than 10 people. This order allowed the SIVB to approach the Town and Country to cancel the in-person gathering by invoking the Force Majeure clause. To proceed in good faith, both organizations agreed to cancel the agreement as long as SIVB would agree to hold the 2022 SIVB Annual Meeting at the Town and Country. A new contract was negotiated by the Business Office and approved by the Executive Committee on Contingency Planning prior to signature by the Treasurer.

Allan Wenck and John Harbell both applauded the exceptional work done by Marietta. Much as been learned from this experience. For instance, a revised 'Force Majeure' will be included

in future contracts with hotels. Marietta also pointed out that it was very helpful to attend a seminar from the American Bar Association that Allan had suggested. The transition of the meeting was announced on April 6. Marietta described the three options that presented, a) no meeting, b) virtual meeting and c) pre-recorded virtual meeting. The third option was selected to ensure participation from scientists overseas. Registration fees were reduced to address the reduction in costs to hold an in-person event. The Business Office reached out to all registrants confirming their desire to continue with the virtual event and informing them that refunds would be processed to them. A few people did cancel their registration, but most were amenable to participate in the Virtual Event.

The virtual meeting was housed on a separate EventScribe website (not sivb.org). While most years, the CadmiumCD EventScribe website has been utilized only lightly and most event activity has been through the mobile app during the meeting, due to the transition to the Virtual program, it was determined that SIVB would not utilize the mobile app for 2020 but instead enhance the EventScribe website by adding prerecorded presentations, a Poster Gallery, and Q&A/Discussion functionality.

All those who registered for the meeting by June 3 were sent a broadcast email with useful information for the meeting and were provided with a link to the EventScribe Website. Those that register after that date will be send out a similar notification on a case-by-case basis. Presentations will be behind an embargo and will not available for viewing until the morning of June 6, 2020 when the Congress officially begins. All program content will be available until mid-day Jun 22, 2020. The registration is open until Jun 10, 2020. Anyone without a login will not able to view the presentations.

A good mechanism for Q&A could not be worked out. In advance of the meeting, all speakers were sent a link to their individual presentation moderation page. There they will be able to review and reply to questions. Speakers have been requested to go check their presentation's discussion and Q&A tabs on the EventScribe website from June 6 – June 21 and use the special link to answer questions when they receive them. They will not receive notifications but will have to manually check the site. Michele and Marietta will help facilitate the Q&A and likewise the conveners can log into the moderation page to help address questions. The discussion is open and hence interactive. For the Oral Presentation Competitions, competitors were provided a link to answer questions and were reminded to check for questions daily. Judges were asked to review all presentations and post their questions by no later than June 9 so final decisions could be made.

2.2 Meeting Statistics

Marietta gave the update on meeting statistics. While we did lose some registrants due to the change to the Virtual Pre-recorded Meeting, because of the reduced registration rates and ability to participate without traveling, we have continued to receive registrations, though it has been slower than prior years.

Compared to the pre-meeting statistics for the Tampa meeting, our registration going into the

virtual meeting is down by 75 members, 4 emeritus, 2 research technicians, 1 staff (free), and 18 speaker registrations (free). We are up 17 group registrations and 1 Post Doc registration. We also have 6 nonmember and 89 student (free) registrations which are the same as last year. As a virtual event, there are no accompanying guest, one-day or volunteer registrations which incurs a loss of 15 additional registrations. This is a total of 155 paid, and 137 free registrations. Total abstract submissions were down from 245 in 2019 to 199 in 2020. Wayne Parrott suggested if the abstracts could be edited after submission, it could help increase the total submissions. This could be taken up by the Program Committee in the future.

Marietta gave an update on meeting contributions that generated \$84,030. This is very good as there was a risk that we might lose contributions due to the change in meeting format. The USDA/NIFA grant application submitted by Sukhpreet Sandhu and the Business Office was approved for \$7,000. This is lower than the originally proposed grant request of \$10,000; however, this reduction is due to the removal of speaker travel and food reimbursement costs from the original submission due to the change to a Virtual Pre-recorded event.

After the transition to a Virtual Pre-recorded Meeting for the 2020 World Congress, the SIVB Executive Committee discussed how to proceed with the 2020 Student Awards. The Executive Committee voted to provide the students award recipients with both their certificate and award funds for 2020; however, in order to receive their award, the student must upload a presentation of their poster or PowerPoint for their award winning abstract and record the audio portion to complete the presentation. We will also acknowledge them at the 2020 World Congress and the 2021 In Vitro Biology Meeting.

The SIVB is scheduling Program Planning Committee Meetings for both the In Vitro Animal Cell Sciences and Plant Biotechnology Sections to assist with the preparation of the 2021 Meeting program. These events are being set up as Zoom meetings which can allow for up to 100 participants and would last for 1 – 1.5 hours. These events are their respective Chair's opportunity to plan their section's program, begin to discuss possible plenary topics, organize conveners for the sessions, and for the plant section to determine the new Junior Co-Chair. Marietta urged everyone to attend the Program Planning Meetings for the 2021 Meeting.

The Education and Student Affairs Committees will be holding a Student Affairs Committee Meeting on Sunday, June 7 at 4:00 pm EDT. The 2021 In Vitro Biology Meeting Student Co-Chairs will be chosen during this event.

There were 4 off property events that had been scheduled for the 2020 World Congress: Ships of the Seven Seas, Tuesday Evening at the Maritime Museum; A Cultured Afternoon Tour: Plug Connection Lab; The Stem Cell Revolution: Tour of the Sanford Consortium for Regenerative Medicine; and the opportunity for a self-guided tour of the San Diego Natural History Museum. With the change of meeting format, these events were cancelled while trying to minimize any costs that would be incurred by the SIVB. The Business Office was able to reschedule the Tuesday evening event at the Maritime Museum to occur during the 2022 SIVB Annual Meeting when we return to San Diego, reallocating our non-refundable deposit and keeping the costs we contracted this year for the 2022 event.

2.3 Fundraising

Sukhpreet gave an update from the Development Committee and Piero Barone acknowledged the support from Program Chairs. We were able to get support from most of the big companies. Overall, this was a successful fundraising campaign supported by a USDA grant slated to come in on Jun 11. Allan applauded the efforts of the Development Committee and restated that getting a good program and as early as possible is important to help with the fundraising efforts.

2.4 Student Committee Meeting Update

Brad Upham gave an update on the Student Committee program. A special student workshop session has been scheduled for student participants. The workshop entitled "Biology at True Resolution" will be presented by Nicole Abreu of 10X Genomics.

3.0 2021-2023 Meeting Updates

3.1 2021 Meeting Update (Norfolk, VA)

Deepika shared a few thoughts about the Program and acknowledged Michael Dame and Piero Barone. Deepika suggested leveraging the uniqueness of our Society having both plant and animal sciences by utilizing topics such as Gene Editing. More student participation will be important and could be something to work with Brad on to engage more students. Also, another person who could be helpful is Pam Weathers. Deepika also suggested that we should consider increasing the amounts allowable for reimbursement to bring in more high-profile speakers. Marietta noted that the 15th International Conference on Invertebrate and Fish Cell Culture scheduled for 2020 had been postponed until 2021.

3.1.1. 2021 Meeting Update

Marietta gave a brief overview on the venue, Hilton Norfolk The Main and our contract for the 2021 Meeting.

3.1.2 Meeting Statistics/Meeting Update

While registration has not begun for the 2021 meeting, we currently have 4 exhibitors whose registration has been transitioned to the 2021 event (Bio Chambers, INVITROSOFT Software Solutions, Phytotech Labs, and Percival Scientific). We will be working to begin advertising the 2021 registration in the early summer to encourage early registration for the event.

3.2 2022 Congress Update (San Diego, CA)

During the negotiations, the Town and Country noted that it would need the SIVB to release meeting space at the end of the day on Tuesday, June 7. This allowed SIVB to negotiate lower hotel and food costs, so we agreed to the adjustment. This means that the scientific program for 2022 will end on Tuesday, June 7 and there will be morning scientific tours provided on Wednesday, June 8. It is possible that there may be additional scientific sessions held on Saturday, June 4.

A Program Chair for 2022 needs to be identified.

3.3 2023 Meeting Locations

Marietta presented a list of seven cities (including, Grand Rapids, MI; Memphis, TN; St. Louis, MO; Athens, GA; Savannah, SC; Asheville, NC; and Portland, ME) that need to be shortlisted to move forward. Veena Venna asked about the criteria for the selection. There could be an opportunity to reduce costs if the meeting is hosted in St. Louis and Veena is happy to help. St. Louis as a preferable location, with major Ag company and many start-ups, but other locations should be considered that have a presence of companies/academic organizations to encourage recruitment. Brad provided a report regarding these benefits for Grand Rapids. Cindy Goodman suggested that a meeting location ideally should be easy to get to via airports.

Action Item: Marietta will look at St. Louis, Grand Rapids, Memphis, Savannah, Asheville and possibly Portland to help narrow down the location for 2023 Meeting. She will present a summary of the pros and cons based on the criteria discussed in the meeting.

4.0 Treasurer's Report

Barbara presented in the Treasurer's Report. The 2019 meeting was excellent and the year ended well financially. The journals also helped in providing a solid revenue stream. For 2020, there has been a slight change in the journal royalty schedule. In addition, our paid meeting registration numbers are significantly lower compared to last year's highly successful event due to COVID-19 impacting registration. While we have been able to avoid hotel, Food and AV costs for cancelling the in-person gathering, the loss of registration revenue may still severely impact our bottom line. At this time, we do not expect the meeting to stay in the black but are doing everything we can to mitigate this loss. Additionally, it is expected that membership will also show a decline in 2020 based on reduced meeting attendance due to COVID-19.

Marietta noted that SIVB has changed our accounting software from Peachtree to QuickBooks Online. While there is still a need for continued discussion with the new accountant to make sure funds are recorded properly to reflect in our regular and deferred accounts, the Business Office was able to get the financials done for April 2020.

5.0 Publications Update

5.1 Publications Update

Michael Fay and Michele Schultz provided the Publications Update. The impact factors for both journals continue to increase and thus will help increase submissions. We are starting to see the effect of COVID-19 as there has been a reduction in the number for submissions for the Animal journal. Allan noted that it may be good to reach out now for review papers. The SIVB will be meeting with IAPB and Springer to discuss various items of concern. Issues that will be discussed include the negotiations in regards to the new contract, the Plan S and US Executive Order regarding Open Access. In addition, the Publications Committee will be discussing a draft License to Publish to replace the copyright transfer form. Michael noted that we are trying to identify some social media savvy individuals from the Plant and Animal sections to become volunteer moderators for a potential SIVB Facebook group.

Action Item: Michael Fay will contact the Plant and Animal Section Officers to identify moderators who could help monitor the SIVB Facebook page.

Michele indicated that the flow of papers for the animal journal has seen a significant reduction in numbers since the beginning of the year as the pandemic began to take its toll on research facilities. A large number of the journal's submissions come from China and Japan who were hard hit in January – March of this year. Should we not begin to see an increase of paper flow over the summer to get us back on schedule, we may look at doubling up single month issues as we had done in year's past to allow us to return to our publication schedule until facilities are able to begin submitting new work. There are additional concerns with the staffing at Springer not being proactive to assist us in keeping issues on schedule, even if publishing lower page numbers.

The Plant Journal is doing very well and has sufficient pages to fulfil our page budget for the rest of the year. Since the last meeting, the Publications Committee approved a new category of "Medicinal Plants." Appropriate papers are being recategorized by David Songstad as the Editor-in-Chief to show how much of our content is focused on Medicinal Plants in hopes that we can apply to include IVP into PubMed in future.

Michele reviewed the letter sent by William Curtis at Springer regarding Plan S. Plan S is allowing papers to be published in Transformative journals. These are hybrid journals of OA and subscription, but actively moving to open access. It will be discussed with Springer as to what we need to become a Transformative Journal with goal of moving to OA understanding that subscription revenue is an important stream for the society. Wayne stressed that what we want to know from Springer is how this could affect our revenue streams should we transition to that type of publication. Allan wants to make sure we learn from Springer what the impact will be and, because it comes with a financial burden to the author, how they differentiate themselves from Predatory Publishers so that SIVB can stay differentiated as an open Scientific journal where science is rigorously reviewed and communicated.

There has been frequent turnover of staffing at Springer with only one request made by SIVB in June 2019. With the frequent turnover of Springer staff supporting our journals, there has been a good deal of confusion as those taking over have not appeared to have been given sufficient on-boarding regarding the needs and set-up of our organization and we have to train them on our requirements. The transitions have been less than optimal. The consistency in Springer's process is very important and needs to be addressed with the new Editor Rebecca Pearce. Allan is concerned regarding why there is so much turnover.

Action Item: During the Springer Meeting on Saturday, SIVB will discuss with Rebecca the staffing turnover with Springer and the causes of these changes.

Michael talked about the improvements to the In Vitro Report with its new design, easy access to archived content and more visual appeal. He encouraged everyone to share their accomplishments and personal news, especially during this COVID-time when we can't have an in-person meeting. Michele further encouraged Board members to share their stories, opinion pieces etc. to engage and gather excitement as the board is the voice of the organization. Allan also encouraged board members to submit opinion pieces as he had done as President Elect.

Michele noted that the most engaged posts since the last board meeting on social media focused on the transition of our meeting re: COVID 19, links to articles on award winners, and the passing of Trevor Thorpe. Should a board member find a link or article that they feel is appropriate and should be shared with our members, they are requested to forward them to Marietta. Michele also provided an overview on the current analytics and the brief recap of the annual reports provided by Springer.

6.0 Committee Reports

6.1 Meeting Statistics/Update

Marietta provided a report on the membership statistics. Currently there are 306 members, compared to 327 from this time last year (April). Even with the additional members being processed, this total is beginning to show a significant decrease of regular members. This decrease is likely due to the change in meeting structure as many who purchase or renew their membership do so when registering for the annual meeting whether in advance or onsite. We have had 26 members take advantage of the new 2-year renewal option.

6.2 Long Range Planning Update

Allan encouraged everyone to participate in the Society and emphasized the value of the Society. Addy will host the upcoming Long-Range Planning Committee.

6.3 Awards

Allan has recorded introduction for the 2020 Award presentations which will be available for those attending the 2020 World Congress. The recipients are all well deserving of the awards received. The Awards Committee will be meeting during the 2020 World Congress.

6.4 Public Policy

Board members were directed to review the 2019 Annual Report. No additional updates were presented.

6.5 Education

No update was presented.

6.6 Nominating

The incoming and outgoing chair will be meeting by Zoom during the 2020 World Congress.

7.0 Section Updates

7.1 In Vitro Animal Cell Sciences Section Update

The IVACS section update is presented in the Annual report.

7.2 Plant Biotechnology Section Update

Randy noted that Annie Saltarikos requested to serve on the Plant Biotechnology Program Committee and has been offered the Junior Program Chair position in 2021. Annie will be focusing on commercial fundraising and will with fundraising from private sources for the 2021 meeting.

8.0 Other Business

8.1 Annual Reports Approval

The annual report was presented for approval.

Motion: Motion to approve the 2019 annual report. Motion was seconded and passed.

8.2 Assignment and Review of Action Items

Sukhpreet was not in attendance but will review the recordings and send the action items to the board.

8.3 Selection of Fall Board of Directors Meeting Date in Norfolk, VA

Marietta will reach out to the board to request availability for the Fall Board of Directors meeting dates by email after the 2020 World Congress.

The meeting was adjourned.

Motions from the June 2020 Meeting:

Motion: A motion was made to adopt the minutes from the February 2020 Board Meeting. The motion was seconded and passed.

Motion: A motion was made to adopt the agenda for the June 2020 Board Meeting. The motion was seconded and passed.

Motion: A motion made to allow transfer of funds from the Michael Horn Endowment Funds to support a Joint Symposium on Emerging Technologies. The motion was seconded and passed.

Motion: A motion was made to approve the emeritus membership request for **Yvonne A. Reid**, and the motion was seconded and passed.

Motion: Motion to approve the 2019 annual report. Motion was seconded and passed.

Outstanding Action items from the June 2016 Board Meeting

1. Action Item: Recommendation for the Long-Range Planning Committee to evaluate and develop programs targeting groups (e.g., postdocs) to join SIVB and forward those programs to Membership Committee. **2020 February Update:** No new updates. **2020 June Update:** Allan, Addy and Vivian will work together to make some recommendations. The action item is **ongoing**.

Outstanding Action Items from October 2017 BOD meeting

2. Action Items: John Harbell and the public policy committee approach Greg Davis at Sigma to help to write a public policy on GE animals. **2019 September Update:** John, does not feel qualified to take a lead on this point. Wayne suggested Alison L. Van Eenennaam to assist on drafting the position. Wayne will send John H. her contact information. **2020 February Update:** Wayne has sent John a few potential contacts and John is communicating with those contacts. **2020 June Update:** John was working toward drafting a public policy statement with Alison L. Van Eenennaam but due to the

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Outstanding Action (2019 September BOD Meeting)

5. Action item: Wayne Parrot, John F. and Harold Trick will pose questions on the Society website forum to help kick start discussions. **2020 February Update:** Marietta sent a reminder to Wayne to have his colleagues set up accounts on the discussion forum and begin to post questions and replies. Once those posts are propagated on the site, Marietta will be sending out a broadcast email and social media posts to draw participation to the page. As of this time, no posts have been added to the forum. This action item is **ongoing**. **2020 June Update:** The progress has been stalled due to COVID-19. This action item is **ongoing**.

6. Action Item: After the 2022 Hotel contract is signed, Marietta will look into Asheville, NC; Portland, ME; Savannah, GA; and Athens, GA for the 2023 meeting. **2020 February Update:** This process will begin when the 2022 Meeting contract is signed. This item is **ongoing**. **2020 June Update:** Due to COVID-19, we had to switch gears and this will be discussed during this meeting. This action item is **ongoing**.

7. Action item: The Publications Committee to talk to Springer on the subject of Plan S as it affects our royalty stream. **2020 February Update:** The Business office provided this question to Beatrice Menz, our new Editor at Springer. To provide a more informed response, she noted that Springer will do an analysis of the content regarding the trend in recent years with the journals and Open Choice, for example where the authors are coming from by geography and how much of the author base is receiving coalition S funding. She also provided some links to press releases and the ongoing discussion on this issue at <https://www.coalition-s.org/coalition-s-response-to-springer-natures-open-letter-on-transformative-journals/> and <https://group.springernature.com/gp/group/media/press-releases/springer-nature-comment-on-revised-plan-s-guidance/16762552>. We are planning to discuss this further with her in person during the June Springer/SIVB/IAPB Meeting. This item is **ongoing**. **2020 June Update:** This will be discussed during the Publications committee in BOD meeting and

further in Publications Committee meeting. This item is **ongoing**.

8. Action item: Award Committee should examine renaming the Young Scientist Award for future nominations as it may be considered discriminatory. “Early Career” may be more appropriate.

Marietta will take this issue back the Awards committee. **2020 February Update:** This issue will be discussed at the June Awards Committee Meeting. This action item is **ongoing**. **2020 June Update:** This will be discussed in the Awards Committee meeting. This item is **ongoing**.

Outstanding Action (2020 February BOD Meeting)

9. Action Item: Marietta will promote the Society’s listing on Amazon Smile through avenues such as mass emails, website prominence, and meeting brochures/posters, etc. **2020 June Update:** Amazon Smiles is now listed on the SIVB website, but more promotion needs to be done on social media. This item is **ongoing**.

10. Action Item: Awards Committee to consider a special team recognition award or allow in a current award. **2020 June Update:** This will be discussed in the Awards Committee meeting. This action item is **ongoing**.

New Action Items from June 2020 Board Meeting

11. Action Item: Deepika will coordinate with the PB and IVACS Program Chairs to organize the Emerging Technology Joint Symposium in the 2021 meeting.

12. Action Item: Deepika will ensure to invite USDA/FDA representatives for panel discussion on stakeholder input on gene editing in animals/plants for the 2021 meeting.

13. Action Item: Marietta will look at St. Louis, Grand Rapids, Memphis, Savannah, Asheville and possibly Portland to help narrow down the location for 2023 Meeting. She will present a summary of the pros and cons based on the criteria discussed in the meeting.

14. Action Item: Michael Fay will contact the Plant and Animal Section Officers to identify moderators who could monitor the SIVB Facebook page to help increase article views and increase sharing.

15. Action Item: During the Springer Meeting on Saturday, SIVB will discuss with Rebecca the staffing turnover with Springer and the causes of these changes.