

**Minutes for SIVB BOARD OF DIRECTORS MEETING
Feb 29, 2020**

Participants: John Harbell (President), Alan Wenck (President Elect), Sukhpreet Sandhu (Vice President), Harold Trick (Secretary), Kan Wang (Member-at-Large-PBS), John Finer (Member-at-Large-PBS), Brad Upham (Member-at-Large-IVACS), Michael Dame (Member-at-Large-IVACS and Program Chair), Michael Fay (Publications Chair), Dwight Tomes (Past President), Wayne Parrott (Public Policy Chair), Marietta Wheaton Saunders (Managing Director), Maria Jenderek (Awards Committee Chair for Awards), and Michele Schultz (for Publications).

The Meeting was called to order at 9am (EST) on **February 29, 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 September 2019 Board of Directors Meeting.

Motion: A motion was made to adopt the minutes from the September 2019 Board Meeting. The motion was seconded and passed.

1.2 Adoption of Agenda

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

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

1.3 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. The action item is **ongoing**.

Outstanding Action Items from October 2017 BOD meeting

2. Action Items: John Harbell 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. 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. This item is **ongoing**.

4. Action Item: Marietta will look into the Grand Rapids area for hotel sites and for St. Louis for 2022 meeting. **2019 September Update:** Due to lengthy contract negotiations with Norfolk, this process has not yet begun; however, this search will begin in earnest after the fall meeting. This action item is **ongoing**. **2020 February Update:** Marietta has reached out to Grand Rapids, St. Louis and (as directed below) Memphis, TN. Results are included in this packet. This action item is **completed**.

5. 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. This action item is **ongoing**.

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

6. 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:** Suhkpreet will coordinate with Marietta on looking at filing an NSF grant. This item is **ongoing**.

7. 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**.

8. 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**.

Outstanding Action (2019 September BOD Meeting)

9. Action Item: Marietta will provide membership list sent to President and past president as chair of the Nomination committee. **2020 February Update:** This information has been provided to Dwight, John Harbell and Allan. This action item is **completed**.

10. Action item: Marietta and Michele will contact Dave S. discuss the possibility of having two issues strong on issues with medical/health angle to increase chance to get the IVP accepted into Pub Med. **2020 February Update:** Marietta and Michele forwarded the request to David Songstad to begin to look into creating special issues with medical/health angles requesting he follow up with his Editorial

Board. This item is **completed**. Further information will be provided in the Publications Update.

11. 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**.

12. 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**.

13. Action item: Alan will contact local Thermo rep for Rep in San Diego for a possible student workshop and provide info to **Brett, Cristofer, and Marietta**. **2020 February Update:** Allan provided Brett, Cristopher and the SIVB office along with the Program Committee the contact information for Anjoscha Kaus on October 2, 2019. As of this time, we are waiting to hear from the Student Committee Chairs regarding their program and what topics/speakers they have organized and whether they have contacted Anjoscha. This action item is **completed**.

14. Action Item: Marietta will pursue the Maritime Museum and the San Diego Natural History Museum as potential venues for the 2020 World Congress. **2020 February Update:** Marietta received proposals from both venues to hold an event. The Natural History Museum was not a cost-effective venue with the per person ticket pricing expected around \$150 or more to cover the museum rental and a meal provided by an outside caterer. We have signed an agreement with The Maritime Museum and are selling tickets to the event at the cost of \$95 per regular ticket with a limited number of student tickets at \$45 per student. Details on what is included at this event are found in the 2020 World Congress Update. This item is **completed**.

15. Action Item: Marietta will get a hold the appropriate people (Sukhpreet Sandhu, Max Jones, and Sadanand Dhekney) for a phone call to strategize to write a proposal to USDA, FDA or other funding source. **2020 February Update:** The Business Office researched the requirements for the 2020 grant and prepared kit of materials along with a sample letter of intent (LOI), then organized a conference call with Sukhpreet Sandhu, Sadanand Dhekney, Angela Labrum, and Max Jones to discuss the NIFA grant, and strategize to prepare a final LOI for submission by the January deadline. We have been approved for submission and a final grant is to be submitted in March. The Business Office will be working with Sadanand and Sukhpreet to prepare the grant for the World Congress. This action item is **complete**.

16. Action Item: Harold Trick will contact Randy Niedz and other PB section officers to recommend someone to forward for Program Chair by end of October. **2020 February Update:** Harold emailed Randy three different occasions but had no response. This item is **completed**.

17. Action item: Marietta will draft an SOP for student presentation judges and give to the students for review. **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. This item is **completed**.

18. Action Item: Marietta will look at St. Louis, MO, Grand Rapids, MI, and Memphis, TN for the 2022 meeting. **2020 February Update:** Marietta has received proposals from each city which are included in the 2021-2023 Meeting Update. This item is **completed**.

19. 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 contracts are signed. This item is **ongoing**.

20. 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**.

21. Action Item: Alan will work with **Marietta** to register SIVB with Amazon Smiles and Your Cause for non-profit donation status. They will formulate a plan to promote the donation option. **2020 February Update:** This has been **completed**. Note: The AmazonSmile Foundation will donate 0.5% of the purchase price to the customer's selected charitable organization. As of this date, there are less than 5 people supporting SIVB through Amazon Smile and SIVB has not received any funds to date. SIVB will continue to remind members of this option to support the organization throughout the year. This item is **completed**.

New 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.

22. 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**.

22. Action item: Award committee will look at removing “trade secret”. **Marietta** will take this issue back the Awards committee. **2020 February Update:** Trade Secrets were not part of the current listings for the awards; however, the committee was notified that trade secrets would not be added to the award descriptions per the board’s directive. This action item is **complete**.

23. Action Item: All Board members will look over the draft and provide comments of the Code of Ethics and Professional Conduct and provide **Marietta** comments by next Friday. **2020 February Update:** Marietta collected the replies from the board members and after further discussion with John Harbell, worked with the President to establish an Ad Hoc Committee based on the replies to reformulate and prepare a revised Code of Ethics and Meeting Behavior to present to the board. This code was presented to the Constitution and Bylaws Committee for their review. The final codes are attached for the Board’s review and vote. This item is **completed**.

24. Action Item: Wayne will get together with **Marietta** to learn how to work with Zoom. **2020 February Update:** The Business Office has researched this program to see whether it is feasible for our meetings. We are looking toward implementing this for this Board Meeting/Conference Call. This item is **completed**.

25. Action Item: Form a subcommittee to come up with a description to help individuals on how make an endowment to the Society. The subcommittee consists of **Alan, Dwight, Barbara and John Harbell**. **2020 February Update:** Dwight provided Marietta with the text and it will be listed under the committee report. This item is **completed**.

Per the Board of Directors request, an Ad Hoc Committee of Allan Wenck, John Harbell, Barbara Doonan and Dwight Tomes prepared a revised Code of Ethics and Professional Conduct and an SIVB Meeting Code of Conduct. Both documents were then reviewed by the Constitution and Bylaws Committee to compare them to the SIVB's Constitution and Bylaws and confirm that there is nothing within the language of the codes that would conflict with the language found in our Constitution and Bylaws. The Constitution and Bylaws Committee provided some additional edits to the code. The new Code of Ethics and Meeting Code of Conduct were presented to the BOD.

Motion: A motion was made to adopt the Code of Ethics and Meeting Code of Conduct as presented. The motion was seconded and passed.

1.4 Deceased Members/Emeritus Ratification

1.4.1 Deceased members.

The board acknowledged the passing of **Thomas Moehring, James L. German, III** and **Hajime Hayashi**.

1.4.2 SIVB Members Being Considered for Emeritus Membership.

Niels Bols has applied and is requesting Emeritus status. A discussion followed and his bio was reviewed.

Motion: A motion was made to approve the emeritus membership request for Niels Bols, and the

motion was seconded and passed.

Keith Redenbaugh has applied and is requesting Emeritus status. A discussion followed and his bio was reviewed.

Motion: A motion was made to approve the emeritus membership request for Keith Redenbaugh, and the motion was seconded and passed.

Alphonse E. Sirica has applied and is requesting Emeritus status. A discussion followed and his bio was reviewed.

Motion: A motion was made to approve the emeritus membership request for Alphonse E. Sirica, and the motion was seconded and passed.

2.0 Treasurer's Report

2.1 Finance update. Marietta provided the Finance update on Barbara Doonan's behalf. Over the last year we have been transitioning to a new accountant which requires moving data from Peachtree to Quickbooks. The transfer of data from the old accountant has been slow but Marietta will visit CG Davis and Associates in Maryland to review all backup data. The 2019 data should be ready to review at the June meeting.

3.0 2020 WORLD CONGRESS ON IN VITRO BIOLOGY UPDATE

3.1 Program Update. Michael Dame provided the program update. Most Conveners sections are in good shape, still a few conveners need to provide Marietta with paragraphs on their section. There is one IVACS section still confirming speakers. Two PB sections have no information. Mid-March is the deadline to get information on sessions to get them published.

A discussion ensued regarding the potential disruption due to the Covid-19 outbreak. Marietta stated we have insurance in case of cancellation or other potential problems.

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.

3.2 Meeting update. Marietta provided an update on the statistics for the 2020 meeting. Registration as of February 20 is at 175, which is just slightly higher than last year's meeting around this same time at 172. Registration is down by 2 members, 1 emeritus and 7 speaker(free) registrants. We are up by one research technician and 11 student (free) registrants. Abstract submissions are the same number as this time last year. We are up by 4 regular and 1 speaker abstracts. We are down by 5 student abstracts. The Local Organizing Committee has arranged for two tours, each focusing on either plant or animal/human research. The two formal tours being offered include: A Cultured Wednesday Afternoon Tour: Plug Connection Lab (Visit to Plug Connection Lab's facility with tour of the clean rooms of their facility) and The Stem Cell Revolution: Wednesday Tour of the Sanford Consortium for

Regenerative Medicine. The Business Office also arranged for the purchase of a small group of tickets at a discounted rate to the San Diego Natural History Museum for Wednesday.

Our room block at the Town and Country San Diego for the 2020 World Congress is 800 room nights. We are required to meet at least 80% of the block to receive our concessions. As of today, we have fulfilled 238 room nights. This does include the SIVB staff rooms. We will be required to fill an additional 402 room nights to meet our minimum.

The board discussed the Town and Country's meeting and hotel space regarding renovations during the September Board Meeting and concern that the space would not be ready by the time we have our meeting in June. Marietta had asked the Town and Country to confirm if the front desk registration area and general meeting space would be completed by the time of the World Congress. While the Town and Country has provided a letter stating that renovations will be complete, Marietta is also making arrangements for a site visit in April to review the current state of the renovations to assure that all will be completed by June.

3.3 Fundraising/ Vice President report. Sukhpreet provided an update on fundraising. We are doing fairly well on the fundraising getting considerable support from individuals in addition to companies. We currently have \$89,830.00 in promised and received contributions for the 2020 World Congress. We are trying to submit a NIFA-USDA meeting grant. The deadline is coming up quickly, but we should be able to get the proposal submitted on time. There are other opportunities such as NSF which can be explored.

3.4 Student report. No student report given.

4.0 2021 AND 2022 MEETING UPDATES

4.1 2021 Meeting Update. The 2021 In Vitro Biology Meeting will be held from June 5-9 at the Hilton Norfolk The Main in Norfolk, Virginia. The board discussed the need to identify and to identify chair for local organizing committee Program Chair for 2021 before we go to San Diego.

Action Item: John Harbell will ask Raj Deepika Chauhan to Chair the 2021 program.

SIVB will also need to identify a chair for the local organizing committee.

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.

4.2 2022 Meeting Venue Discussion. Marietta provided an update of venue options for the 2022 meeting. Cities presented were Grand Rapids, MI; Memphis, TN, and St. Louis, MO. The Board discussed the options presented. While each had benefits to holding the event, there were some significant concerns that would need to be addressed before we could proceed. Grand Rapids has another event before ours and we would not be able to load in on schedule;

Memphis's Convention Center will not hold or reserve space until 14 months before the event date while we try to book 2-3 years out; and St. Louis has some of the highest costs for room rates and Food and Beverage minimums.

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.

4.3 2023 Meeting Cities under consideration. The board discussed possible sites/cities for the 2023 Meeting. 2023 meeting discussion postponed until the June BOD meeting.

5.0 Awards. Maria Jenderek joined the conference call.

5.1 Student Awards. Marietta informed the board of the new Gordon Sato and Wally McKeehan Student Award which was established by former students Drs. Gordon Yan and Gloria Zhang, founders of Biovision Inc., to honor their mentors. Both Dr. Sato (1927-2017) and Dr. McKeehan were long time members of the SIVB serving in governing leadership positions, Editors-in-Chief of *In Vitro Cellular and Developmental Biology – Animal* and recipients of the SIVB Lifetime Achievement Award. Dr. Sato and Dr. McKeehan are best known for innovations in mammalian tissue culture including defined media required for discovery and understanding hormones, growth factors and nutrients that mediate cell to cell communication in the tissue microenvironment in health and disease. Dr. Sato was elected to the US National Academy of Sciences in 1984. Dr. Sato and Dr. McKeehan mentored numerous students who rose to leadership positions in academics, industry, medicine and mentoring internationally. The purpose of the award is to support student participation in the annual SIVB meeting. A \$500 award each is open to two students annually working with vertebrate or invertebrate cells in vitro.

This is also the last year for the Exceptional Plant Species award which had been coordinated by Valerie Pence from the Center for Conservation and Research of Endangered Wildlife (CREW). This award was funded by a grant that CREW received from the Institute of Museum and Library Services. It was funded in 2018, 2019 and 2020 to support 2 students each year to present their in vitro research benefiting the long-term conservation of one or more non-agricultural, endangered exceptional species. Exceptional species are defined as species that cannot be conserved long-term using traditional seed banking (dry storage at -20oC). Work on in vitro or cryopreservation protocols may be done on a common, non-commercial exceptional species that is congeneric with an endangered species. We have only distributed 1 award in 2019 and unfortunately, we were unable to identify any candidates to receive this award in 2020.

5.2 Lifetime Achievement Award Nominations. Maria Jenderek presented an overview Lifetime Achievement Award Nomination and the Awards Committee's recommendation.

MOTION: A motion was made to accept Dwight Tomes as the recipient of the Life Achievement

Award. The motion seconded and passed.

5.3 Fellow Award Nominations. Maria Jenderek presented an overview Fellow Award Nominations and the Awards Committee's recommendation.

MOTION: A motion was made to accept Michael Dame, as the recipient of the Fellow award. The motion seconded and passed.

MOTION: A motion was made to accept Lucila Lee, as the recipient of the Fellow award. The motion seconded and passed.

MOTION: A motion was made to accept William Gordon-Kamm as a recipient of the Fellow award. The motion seconded and passed.

5.4 Distinguished Scientist Award Nominations. Maria Jenderek presented an overview of the Distinguished Scientist Award Nominations and the Awards Committee's recommendation.

MOTION: A motion was made to accept Michael Fay as the recipient of the Distinguished Scientist award. The motion seconded and passed.

MOTION: Motion was made to delay the vote on PBS Distinguished Scientist award. The motion seconded and passed.

MOTION: A motion was made for Maria Jenderek to provide Ian Curtis and Fredy Altpeter's packets for the board to review and vote electronically shortly thereafter. The motion seconded and passed.

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.

Action Item: Maria will provide the board with a detailed listing regarding issues with the nominating process and composition of the committee.

5.5 Young Scientist Award Nomination. Maria Jenderek presented an overview the Young Scientist Award Nominations and the Awards Committee's recommendation.

MOTION: A motion was made to accept Yiping Qi as the recipient of the Young Scientist Award. The motion seconded and passed.

5.6 Request Committee come up with criteria for team nominations.

There is currently no option to nominate a team of scientists (lab or group of scientists) working equally to receive an award. The creation of a Team Awards would provide a way to acknowledge a lab or group of people for a particular accomplishment.

Action item: Awards Committee to consider a special team recognition award or allow in a current award.

6.0 Publications

6.1 Publication Update. Michael Fay and Michele Schultz provided the publication update. For the Animal journal, paper flow has been strong and we expect to be able to publish at budget. Dr. Okamoto is reaching out to all Associate, International Corresponding, and Reviewing Editors to confirm their participation in the journal. This is to reflect those who are active and able to participate and is an ongoing process.

IVP paper flow is picking up steadily for the SIVB issues. IAPB issues are still below budget, but are picking up. Looking at possibly making a new matrix for medicinal plants for IVP, this will go to publication committee to vote. The transition of the EIC from David Duncan to David Songstad is complete. While papers slowed during this transition period, the processing appears smooth and steady now.

David suggested an idea for In Vitro Plant publications with a clear focus on plants that produce metabolites of medical importance. He suggested that IVP could create a Medicinal Plants matrix category to encourage submissions and be able to provide us with appropriately focused materials to send to PubMed to apply for consideration. Michael Fay suggested that the change of the matrix be brought up at the June Publications Committee Meeting for their discussion and vote as changes to the matrix are reviewed and approved by the Publications Committee similarly to other changes to the journals' matrices.

SIVB has experienced a number of staffing changes with Springer in the last year with 2 Production Editors and 3 different Publishing Editors. There is concern that those taking over positions are not provided with full or clear information regarding our journals' needs or the processes and SIVB royalties for the beginning of the year have not been distributed properly.

Beginning in June, SIVB will start the process of contract negotiations with Springer for a contract to begin in 2022. No later than June 2020, the Publisher shall propose terms for extending the Agreement for additional years. Michele noted that there have been some significant issues regarding the production of manuscripts through Editorial Manager and Springer. This is being monitored.

Michael presented the update on the In Vitro Report noting the recent changes due to hiring a new designer and thanked board members who provided content to the publication.

6.2 Open Access. Wayne Parrott voiced concern regarding what Springer is doing to address the USA Executive Order being considered for scientific journals and the possibility that published content would need to be fully Open Access. It was asked how this might effect our royalty system. The Business Office noted it would research this further.

7.0 Committees

7.1 Nominating Committee. Dwight provided the results for the 2020-2022 election. Officers will assume their offices at the 2020 World Congress on In Vitro Biology.

7.2 Membership Committee. Marietta provided a report for the Membership Committee. The final 2019 membership statistics ended at 465 with 285 Regular members. In comparison, the 2018 membership ended at 437 with 274 Regular members. She also noted that with the new 2-year membership rate, we have 17 members renewed for 2021.

7.3 Long-Range/Strategic Planning Committee. No formal report was given but Alan provided and update on efforts to promote charitable contributions and 401K donations to the society.

Action item: John Harbell and Dwight Tomes will prepare testimonials for charitable contributing to society for the In Vitro Report.

7.4 Public Policy Committee. No report but Wayne noted that a number of issues will be coming up including: commenting on open access, the proposed regulations which are expected to come out from the EPA, and the new guidance that will be coming out from the FDA with implications to the Society.

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.

7.5 Education Committee. No report given.

8.0 Other Business

There was no other business. The meeting was adjourned at 2:52pm EST.

Motions made at February 2020 BOD meeting

MOTION: A motion was made to adopt the minutes from the September 2019 Board Meeting. The motion was seconded and passed.

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

Motion: A motion was made to adopt the Code of Ethics and Meeting Code of Conduct as presented. The motion was seconded and passed.

MOTION: A motion was made to approve the emeritus membership request for Niels Bols, and the motion was seconded and passed.

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MOTION: A motion was made to adjourn. Motion was seconded and passed.

Outstanding Action items

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. The action item is **ongoing**.

Outstanding Action Items from October 2017 BOD meeting

2. Action Items: John Harbell 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. The action item is **ongoing**.

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Outstanding Action (2019 September BOD Meeting)

8. Action item: Wayne Parrott, John Finer, 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**.

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**.

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 contracts are signed. This 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**.

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**.

NEW ACTION ITEMS (2020 February BOD Meeting)

13. Action Item: Marietta will promote the Society’s listing on Amazon smiles through avenues such as mass emails, website prominence, and meeting brochures/posters, etc.

- 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, Pres-elect, Past President, Treasurer, and Kan Wang. Subcommittee will also come up with a statement on cancellations pertaining to this contingency plan.
- 15. Action Item:** Action Item: **John Harbell** will ask Deepika to chair the 2021 program in Norfolk, VA.
- 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.
- 17. Action Item:** **Marietta** will provide try to negotiate Memphis concerning the 14 mo. booking and look to get hotel room rate St. Louis to 2018 figures. **Marietta** will get back to the board via Email on her findings.
- 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.
- 19. Action Item:** **Maria** will provide the board with a detailed listing regarding issues with the nominating process and composition of the committee.
- 20. Action team:** **Awards Committee** to consider a special team recognition award or allow in a current award.
- 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.
- 22. Action item:** **John Harbell** and **Dwight Tomes** will prepare a testimonial for charitable contributing to society for in vitro report and website.