

**Minutes of the International Society of Biomechanics Executive Council Meeting**  
**Fairmont Palliser Hotel**  
**Canadian Pacific Room**  
**Calgary, Canada**

**09:00 – 16:30 Tuesday, July 30<sup>th</sup> 2019**  
**09:00 – 16:00 Wednesday, July 31<sup>st</sup> 2019**

**Present:** Joe Hamill (JH), Andrew Cresswell (AC), Toni Arndt (TA), Thor Besier (TB), Melissa Boswell (MB), Elizabeth Clarke (EC), Catherine Disselhorst-Klug (CDK), Brent Edwards\*\* (BE), Alberto Leardini (AL), Glen Lichtwark (GL), Graeme Wood\*\* (GW), Dan Benoit (DB), Felipe Carpes (FC), Taija Finni (TF), Li Li\*\* (LL)

**Apologies:** Rajani Mullerpatan (RM)

The minutes were recorded by BE.

Formal officers' reports can be found in *ISBDropBox\Executive Meetings\2019 Calgary\reports and agenda items/*.

\*\* Appointed (non-voting) member

### **1. Welcome by the President and identification of additional agenda items**

JH welcomed councillors and explained scheduling arrangements. JH Thanked GL for taking over publication officer duties and TF for her efforts with the Jim Hay Memorial Symposium (Celebrating Paavo Komi).

### **2. Minutes of the 2018 ISB Executive Council Meeting in Dublin, July 7-8<sup>th</sup>**

*Moved TA, Seconded CDK "... that the minutes are a true and accurate record of the meeting".*  
**CARRIED.**

### **3. ISB Congress 2021**

TA asked about arrangements of agenda and requested the ISB 2021 presentation be made on Wednesday July 31<sup>st</sup>. JH recommended doing the presentation immediately and TA agreed.

TA mentioned that all three universities hosting ISB 2021 have put up seed funding, which currently totals slightly over \$60k USD (600k Swedish Crowns). The conference will be held at the Waterfront Congress Centre. The conference organizers (CO) have a written contract with a PCO. There will be a large emphasis on sustainability.

JH asked how many delegates can the conference handle. TA expects perhaps it could get as big as 1500 and JH thinks there should be no limit on attendees. AC is in agreement.

TA introduced conference centre and seating arrangements. DB asked about the number of parallel sessions and if it can be increased. TA stated that may be difficult, but mentions there are options. AC asked if the technical groups (TGs) want to be part of the program or remain satellite and that this could have implications for rooms. AL asked about limitation of numbers, and if the OCs can arrange changes to rooms. TA did not think this would be an issue.

MB brought up the issue of creating a conference code of conduct and TA mentions it could become part of the operating codes. All agreed this would fit with equity and sustainability – (see **action items**).

TA shared the conference logo for ISB 2021.

AC asked about profit sharing. TA mentioned that all profit goes to ISB, but a small amount will go to the Swedish Society for appropriate purposes.

#### 4. Officers' reports

##### *President (Joe Hamill)*

JH wrote letters to all editors of biomechanics journals regarding previous concerns about diversity and equity. All publishers agreed diversity and equity were important and said they would “push” the editors to take care of this.

Taylor and Francis has asked to be more involved in ISB like Human Kinetics and Elsevier. GW said journals are a consistent but a small piece of the action and says there is a lot of work involved. GW mentioned there is no profit from it. TB asked what the membership benefit is? GL stated it may be worthwhile to talk to publishers about having direct links on website. DB stated they should sponsor the society in exchange for providing an active link with discount codes for their journals. DB mentioned this could be part of the publisher's sponsorship package.

JH has worked with AC to nominate Bob Gregor as an Honorary member of ISB. Bob Gregor has been part of ISB since the beginning. *JH made a motion to accept Robert Gregor as a honorary member. The motion was seconded by AC and carried unanimously.*

JH has made a number of special ex officio appointments. TA will discuss these appointments at the AGM. JH said there are many issues that are not part of the officers' portfolios and that these ex officio appointments will likely need to be put in the operating codes – (see **action items**).

JH mentioned that we need to appoint another person to the JOB editorial board. *CDK was asked by JH and she accepted. The appointment was seconded by TB and carried unanimously. TA will follow up with JOB* – (see **action items**).

JH brought up the issue of ISB fellow nominations. JH wants to make it official that ISB executive will make the official decision and not the fellows.

AC asked about clarity of profit sharing for ISB congress 2019. JH mentioned this will be asked of Walter Herzog later in the day.

JH mentioned he is disappointed about the collegiality between ASB and ISB. JH recommended for ASB to not be a part of ISB again. CDK mentioned her impression is that ASB is very unorganized and demanding. CDK thinks it is important to discuss what is the main feature of ISB and that we need to make sure we don't lose that. AC stated this goes back to the bidding process, and that council needs to be able to provide input. This should be added to the conference bidding guidelines – (see **action items**). DB stated that ASB is an affiliated society.

### ***Past President (Andrew Creswell)***

AC discussed the process of the Muybridge award. Went from 20 nominations down to 5-6 with good representation of females. Ralph Mueller will be the recipient of the Muybridge for 2019.

AC discussed the process of council elections. There is good representation of females with a 50/50 split of females to males on new council.

AC mentioned his efforts helping out with awards and honorary nomination. AL was surprised by the lack of membership voting, which was only 40%. LL said there are countries that are not used to the democratic process. TB mentions we should look at the demographics of voters and strategically engage. FC suggested to allow more time for voting. AC said there was great student participation.

AC commented on the stability of the society and said it has been a pleasure serving on council. JH thanked AC personally for his service.

### ***President Elect (Toni Arndt)***

TA noted that ISB is still focusing on better cooperation with WCB.

TA stated that he wants to work on codes as president and will be contacting outgoing council for their help.

TA mentioned that the new council members are keen with their new portfolios, and that all accepted.

TA stated that MB has agreed to stay on as social media officer. LL will stay on as Asian rep, and FC will become South America (SA) rep. John Challis has agreed to carry on with Archives. John Challis is the holder of the Muybridge medals (~7-8 medals left). GW has agreed to stay on as Treasurer for next term.

JH thanked MB and Hannah O'Day of BOOM. DB stated that BOOM could interview potential candidates for ISB executive council in the future.

### ***Awards (Catherine Disselhorst-Klug)***

CDK reiterated her issues and frustrations with a joint ASB meeting and mentioned that the appropriate tick boxes for ISB awards was missing from the conference website.

CDK stated that Motion Analysis Corp has dropped out of sponsoring the PSA award. GW mentioned there were many internal changes since their CEO passed away. CDK recommended changing the requirements of the award and suggested only giving the award to females to promote diversity; ISB could sponsor. CDK proposed to have this new award at the next meeting. JH said it's an excellent idea. EC mentioned if you made the PSA just for females it takes away from the early career investigators. DB suggested more pressure needs to be put on the supervisors to encourage their students and postdocs to apply. GL suggested creating a working group to make recommendations on these issues of diversity and equity. CDK will put a motion forward on what to do. DB mentioned that we need to be a bit careful with replacing an early career award.

*CDK puts forth a motion: "ISB will establish an award promoting female researchers". The motion was seconded and carried unanimously – (see action items).*

CDK stated that there are issues with the David Winter Award because there are students that were put forward that did not meet the requirements of the Award. Specifically there were issues with the age limit criteria. *CDK motioned to remove the age limit from DWA, seconded (TB), 1 opposed (TF), motion carried– (see action items).*

### ***Education (Taija Finni)***

TF mentioned she has contacted upcoming officers about the tutorials.

Tim Derrick, who is doing a tutorial, has submitted the ISB guidelines paper to JOB.

TF stated there will be \$9k profit sharing between the conference organizers and ISB.

TF finished by saying there was no option for ISB members to have reduced fee when signing up for tutorials.

### ***Student Awards (Alberto Leardini)***

AL mentioned there is still much confusion about applying for the student awards and that it's within the society's best interest to make these award applications as clear as possible.

Overall AL is happy to take his 6-years experience to the new awards officer. GL mentioned there is no document for new officers that details the history and requirements for their positions, and that without this document a lot of knowledge is lost.

AL stated there are smart international groups that are very good at applying for these awards. TB asked if there is an opportunity for increasing the budget on student awards. JH mentioned maybe that is something that GW can address when he does the budget.

AL stated that he thinks it is important to involve the student rep more with process.

JH mentioned when he travels and gives talks he emphasizes the student awards in places like Brazil and China, among others.

AL mentioned perhaps we could directly write to supervisors. TB said that TA should mention that during his advertisement of ISB2021

### ***Sponsorship (Dan Benoit)***

DB began by stating that many sponsors are missing from the list and that the companies are not interested in the package. DB said it would be nice to get the wearable tech companies on board.

DB mentioned that we did get one new sponsorship from Tekscan as a gold member, but ISB sees no money because it went to conference organizers. DB mentioned this needs to be rectified and there should be a closer relationship between conference organizers and sponsorship officer. DB stated he thinks that the sponsorship corner will help. GL said each sponsor will likely get 1 of these advertisements in ISBNow once a year.

DB brought up potential opportunity for sponsors and BOOM. MB mentioned they will be promoted via social media. MB brought up the issue of having promotion codes for ISB memberships.

DB recognized GWs contributions to this portfolio, but asked how do we deal with this in the future when GW leaves?

DB mentioned that he has had no communication with the CO for ISB 2019. JH mentioned the ISB executives should be having communications with the CO.

### ***Publications (Glen Lichtwark)***

GL started by thanking everyone for their help with ISBnow.

GL stated he decided to put content directly on website instead of the blog and that an archives system has been created for ISBNow. GL wants to work on the cosmetics of the newsletter.

GL mentioned there has been a lot of talk regarding privacy policy. GL said that GW has done an excellent job consulting with the right people to help us figure out how to be compliant. There is now a process in place for being in compliance.

GL stated there has been one issue around the TGs. Some of them have their own sponsors which conflict with ISB sponsors. JH has chosen to strip those sponsors from the ISBNow.

JH thanked GL for his flexibility. Everyone agreed.

### ***Student Representative (Mellissa Bosswell)***

MB started by discussing the various student events set up for the Calgary meeting – mentorship lunch, hike, student night out on Friday.

MB discussed the Advancing Women in Biomechanics event that had been organized for Friday. They had space for 200 total people and the event sold out.

MB stated that BOOM is reaching people all over the world. The costs/month range from \$110 to \$500/ month. Basic editing is \$150/month or ~2,000/year. GL said profits from tutorial could go towards this. MB mentioned that she will put together a budget – (see action items).

MB brought up the issue of having a new initiative for student connection. Twitter is a really popular form of communicating. The question came up about promoting research via social media. GL mentioned linking back to ISB like the Muybridge award winner, etc.

MB proposed the possibility of having ISB student chapters at universities to encourage student membership and build community and involvement. MB mentioned that ASB is starting student chapters and establishing guidelines. GL asked about the role of ISB in such guidelines. FC said they did something similar with the Brazilian Society and that it has been good for promotion, especially in places where biomechanics is not that strong. LC asked how it is beneficial for ISB. MB said it is beneficial for the students. LL mentioned this is popular in engineering but you require a critical mass. He further discussed the benefits of these types of chapters to the society. GL thinks the way to go is for MB to talk with the incoming student rep. MB will help student draft up guidelines. TA says start with ASB guidelines and copy/edit them to our liking – (see action items).

JH asked if BOOM is set up to record in Calgary. JH mentioned it would be nice to get honorary members to talk on it and discuss the history of ISB. GL said it would be good for John Challis to do an Archives video.

### ***Informatics (Thor Bessier)***

TB began by thanking GW and GL for help with privacy policy issue. He said that it ended up not being too difficult to implement.

TB mentioned changes to ISBNow and thanked GL for his efforts.

TB questioned the usefulness of using the ISB website to host software and code. He stated that there are better “one stop shops” for this nowadays, e.g., GitHub.

TB mentioned there were discussions of having Tim Derrick’s kinetics tutorial as a Matlab based resource (a web app), but unfortunately Matlab won’t work because of privacy issues. One idea is to do this with python.

TB mentioned the Shoulder Group has been the only TG group that wants ISB hosting their website.

TB finished by stating they attempted to put sponsorship banners on Biomch-1, but that made it so emails were going to people's spam folder.

## 5. ISB 2019 Update (Walter Herzog; WH)

WH said that the conference seems to be under control, but will discuss small issues of concern.

The conference has a lot of people; 1923 abstracts, close to 2100 registrants, 40 are volunteers, another 50 volunteers that are also participating. There are about 2000 active registrants.

WH mentioned he has concerns about the size of the rooms, but in order to mediate that we have reserved two open rooms for live streaming. WH stated he has concerns about the speaker ready room.

WH stated he has no concerns with keynotes, and invited speakers. One invited speaker did not want their keynote filmed. GL stated that the codes say only the Wartenweiler and Muybridge have to be recorded.

AC asked about profit sharing. WH mentioned the profit sharing will be 30% for ISB, 30% for ASB, and 40% for organizers. WH said there is a guaranteed fixed fee for ASB, but essentially that went back into the conference with EDC and other events.

DB asked how is the relationship with ASB at the moment? TB asked what the council could do in order to make these types of issues easier going forward. WH said if the council is not uniquely behind joining a conference do not do it. AC wondered if it shouldn't be as a co-organizer.

DB asked about the CSB. WH provided CSB 2 symposia.

## 6. ISB Fellow Nominations

A vote was had on the ISB fellow nominations. The vote was unanimous for both nominations.

The ISB fellows for the class of 2019 are: Karen Søgaard and Andrew Cresswell.

## 7. Application Guidelines for Conference Bids

TA stated that the minutes from Dublin mentioned that someone needed to look at registration costs. TA decided to look at all of the conference bidding codes. TA suggested to begin a working group to finish the document he sent around.

DB had comments on the evaluation criteria and stated he had concerns about having evaluation criteria that are outside of the documents. TA said it depends on what the criteria are "What if it is something regarding a special or unique flavour." DB brought up concerns regarding EDC issue. For example, someone meets the minimum EDC requirements but didn't know they would be evaluated on doing better than the minimum EDC criteria. TA would try to address this in the new codes.

TA will form a Subcommittee comprised of previous, current and upcoming ISB conference organisers, the president, president elect, and Joe – (see **action items**).

TA will look into getting Childcare into the ISB 2021 conference – (see **action items**).

## 8. World Congress of Biomechanics

JH, AL, TA, and TC will meet with WCB and ask that, at a minimum, ISB is granted the same presence at the upcoming WCB as received in Dublin – (see action items).

## 9. NACOB

DB provided an overview of the upcoming NACOB that will be held August 2022 in Ottawa. They expect 1200 to 1500 participants. The conference will take place in downtown Ottawa.

DB stated he will ensure ISB is well represented. JH mentioned that at a minimum it would be nice to have an ISB keynote speaker, and the council could pick the speaker.

DB stated the organizers are looking to broaden the scope of topics covered such as orthopaedic, engineering, and women's health.

Registration fees will be in line with CSB and ASB.

*Meeting adjourned for the day.*

## 10. Officers Reports (Continued)

### *Economically Developing Countries (Felipe Carpes)*

FC mentioned progress with China. A biomechanics interest group was formed in Cuba. A Latin American congress was established that will meet every two years.

FC stated that the groups from Venezuela are having trouble. Research projects have stopped and people are leaving the country.

Chile has established a human movement society. They are very organized and established.

Pakistan has established a sports biomechanics society and books have been sent to Pakistan. FC stated these gifts have a big impact in these locations.

FC discussed the developing countries competition in Calgary. Five prizes will be awarded in the competition.

JH mentioned that the Calgary organizers have donated over 100k in travel grants to people in EDC countries. There are issues with EDC registration on the ISB website and the fact that most cannot register without already receiving notice that they received a travel award.

TA mentioned that he has a list of which countries qualify as EDC.

TA and JH thanked FC for all of his work. TA is thinking about going to these EDC countries to promote ISB. He would like to continue with what JH is doing.

### *Technical Groups (Elizabeth Clark)*

EC mentioned that the TGs will come later in the day to provide their own updates.

There are currently 5 TGs and 1WG. The Comparative Neuromuscular Biomechanics (CNB) group has approached EC for path forward to TG status. CNB has provided a constitution.

EC stated she will be following up with TA and others about TG bids.

The shoulder group wants to update their constitution and codes.

The Motor control group is now 4 years old, their constitution has been approved and they are seeking TG status. JH stated he would like to hold off on votes until TG presentations. JH asked if the motor control group wanted their own conference or within the ISB congress. EC said they want to embed it within the congress.

TA asked how many TGs want to have sessions within the ISB congress. Probably only a couple (3) will have within.

TG brought up issues surrounding TG budget. TGs all ask for same amount of funding, which is the limit of what ISB established. EC thinks it is worth establishing guidelines of funding breakdown to increase the transparency of awarding money. TA mentioned there is a template for students so we can work off that. For keynote support, TA said we should ask them to specify who and where so that we can determine how much should be awarded. TB mentioned the other option is that we could just provide them with a budget that is theirs to use how they choose. JH asked if it was feasible to give all groups equal share of the funding? EC said yes – will trail it this year.

JH asked if we have a budget for TG requirements for website hosting. GW said it's on the order of \$100 and not \$1000.

All money EC gets will go directly to the TGs. JH would like this to happen within the next fiscal year. EC stated if more TGs join it is worth trying to expand the budget.

EC stated that in the past two years there has been confusion about TG student awards vs ISB student awards. LC and AL suggested that:

1. Completely separate two different portfolios, or wrap them up with student awards.
2. EC said these aren't necessarily travel awards and there are no clear guidelines. JH doesn't think they should be using ISB money for presentation awards. AL clarifies confusion around student awards versus technical groups.
3. TA asked if we can get rid of confusion by allowing them to do whatever they want with the \$1200? AL said the intent was for TGs to administer themselves, but maybe we can encourage them to not call it a "student award".
4. JH stated that to receive ISB student award you should be an ISB member. EC agreed in principal but what about satellite symposia where no ISB students attend? TB asked if it is possible to receive the David Winter award by not be a member of ISB?
5. JH finished by saying the consensus is that the money goes to TGs and they can do whatever they want with it.

EC put forward a motion for Motor control group to become official TG, AC seconded, and carried unanimous. JH will send a formal letter to motor control group – (see **action items**).

### *Asian Representative (Li Li)*

LL apologised for not providing a report. His excuse is that there are no successful stories.

LL continues to reach out to different groups. There seems to be a lot of confusion in India.

LL stated his focus is on China. The President of the Chinese Society of Biomechanics is not a biomechanist because no one was at the governmental rank to be able to assume the position. There is some presence from China at ISB; Li-Ning for example. JH mentioned there is a perception in China that ISB doesn't do sport biomechanics. TA asked how much impact does the ISB president going to China have? LL said it has a big impact. JH stated that it is important go and fly the ISB flag. LL mentioned that the Chinese budget is improving along with levels of English speaking. LL also mentioned Chinese students do not get funding for posters and only for orals.

TA will follow up with LL for Chinese delegates to come to ISB, for organizing Asian focused symposia.

GL asked if there is anything outside of the conference that ISB can be doing? TA brought up the social media angle. Maybe we need to use WeChat? Melissa and Hanna are aware of We Chat social media, and if we had a platform it would be very helpful – **(see action items)**.

### *Treasurer/Membership (Graeme Wood)*

JH stated that GW will continue on for another term. AC has expressed interest to take on treasurer duties, as such AC will shadow GW for the next two years.

GW reports on the details of his report:

Membership numbers are 883.

BE will provide statistics of ASB vs ISB membership at the conference – **(see action items)**.

Full members are more likely to take on two-year membership than one-year. Off year memberships are still a problem.

The financials were tabled. JH will get two people to get the financials audited.

The society is in good shape financially (July1-June30 is the fiscal year). Accounts are located in Cleveland and Australia. Just over ~\$241k AUD with exchange at 68 cents to 1USD.

Sponsorship - ~\$42k. AC asks about Carlo De Luca foundation. JH has talked with Devi and it still hasn't been signed off on. JH has seen the letter and account but things are being held up because of Carlo's passing. Money is there and it is in the charter for the foundation

Expenditures were in line with what was budgeted.

Someone asked if it was worthwhile to approach journals to have them deal with memberships so ISB doesn't have to manage the process. TB thinks we should push hard on this. GW wondered if it would be helpful for the membership if it is bundled with a journal subscription. AC doesn't think its worth the trouble. AL will approach Elsevier and human kinetics about the process – **(see action items)**.

TA asked if the profit is a problem for non-profit status. GW said we satisfied the status. TA suggested spending more money for EDC. GW said it's something we should bring up at the AGM.

JH stated ISB spent ~20k on EDC and women in science initiatives. JH mentioned he should have had consultation with council. TA suggested it should be a quick consultation with the presidents. TB stated it's a good year so perhaps we should think about initiatives to utilize this money. AC mentioned that it wasn't too long ago in Brazil that we weren't in a good financial situation. DB agrees with TB to utilize money and that we can't break rules with our constitution. DB suggests sharing presidents' financial decisions in an email to the rest of council members.

EC asked about the discretionary amount in the budget. DB said there should be a record of presidential approval for discretionary funds. AL suggested ISB council determine thresholds for discretionary funds. AC mentioned that the “checks and balances” can be done by the treasurer or shadow treasurer.

*DB motions that president has 5k per year, which requires no approval, 5k to 10k per year requiring approval of three presidents, above that council approves via electronic vote. Seconded by TF and carried unanimous.*

JH stated that MB provided him with a budget and it is basically services for BOOM, which is \$110 USD (~3700 AUD over 3 years). DB suggested upping it to 150 USD or ~5000 AUD for two years). *EC motions, DB seconds, carried unanimous for \$5,000 AUD to social media.*

TF asked if there are additional monies available for tutorials and education. JH suggested putting together a budget for TA and treasurers. GL suggested incoming education officers should put that budget together – (see **action items**).

GW provided everyone with a copy of the financial report.

## **11. Swedish Society of Biomechanics (SSB)**

TA stated that the SSB has been formed and have applied for affiliated status. They already have ~150 members and a constitution. A vote will be taken at the AGM whether to accept the SSB as affiliate society.

## **12. Technical Group and other group report updates**

### *ISG (Andrea Cutti)*

Last meeting was in Rochester 2018. Next meeting will be in 2020 at Delft where the first ISG was held.

ISG does not have a group bank account.

ISG is working on special issues within select journals for their group.

The previous meeting at the Mayo/Rochester conference was good (Aug 12-13). It was held just after ASB. They received good feedback from attendees and the organizers had a profit. Andrea thanked ISB for awards and sponsorship.

The proposed meeting for 2020 will be in Delft (27-28 August) at Delft Science Centre. They will have reduced rates for ISB members and organizers will be in touch with Council.

ISG has a new incoming board:

- i. Clark Dickerson
- ii. Gretchen Oliver
- iii. Katherine Saul
- iv. Stefan van Drongelen
- v. Meghan Vidt
- vi. Martin Warner

Plans for future:

- i. To fix the website as it is currently too difficult to work with.
- ii. ISG wants to exploit social media.
- iii. The ISB-ISG standards have been well cited and successful. The group wants to extend this to imaging and inertial sensors.
- iv. ISG would like to develop an international strategy, perhaps go to Asia/S. America.

EC raised issue about the constitution and informed that ISB must approve changes; Q: is there a timeline for the changes or is it OK to work with group and present at the next meeting.

TB informed ISG about discussion around website hosting and asked if ISB will help improve the ISG website OR will ISG do it on their own? Clark Dickerson will be in touch with TB.

TB mentioned it may not make sense to host TG resources on the ISB website because of things like GitHub. He added that the value of website is the records of tutorials and lectures.

ISG wants to formalize conference bid procedures to include gender equity and diversity.

### ***FBG (Karen Mickle)***

Karen provided update on FBG board.

FBG has constitution changes – Would like to have an awards officer. EC put forth motion to accept, DB seconded, carried unanimous.

TB recommended FBG provide discounts for ISB members at their conferences.

The next FBG conference will be in Visby, Sweden around ISB2021. There will be no overlap of FBG with Executive Council meeting and ISB.

FBG offered two student travel grants (1 \$1000, 1 \$500) for Kananaskis.

FBG has £44.5k in the bank; most of which come from conference fees.

FBG has approximately 150 members in conference years, ½ that in the off-years.

### ***Comparative Neuromuscular Biomechanics (CNB) Group (Jonas Rubenson)***

Jonas stated the group initially started at the ASB meeting in Boulder, CO.

The goal of the group is to provide an international forum for comparative biomechanics.

They currently have 60 members and 400 followers on Twitter. They have two symposia at ISB 2019; and a symposium at Royal Society Meeting.

The group is working on a web page.

Jonas thinks, to begin, the group would like to be embedded with the ISB program.

Jonas asked about time line for elections, “what is the mechanism for running the election?” He doesn’t want to lose the momentum of the group. Jonas stated they are thinking they would keep the interim committee for two years (if allowed) and have elections moving into 2021. The ISB executive stated that was fine.

The group will not have membership fees in the interim.

A Motion from EC to make their group a working group, TB (2nd), and carried unanimous.

### ***Motor Control Group (Walter Herzog and Joshua Kline).***

MCG has a membership around 75 people.

The previous motor control symposium was held at the 2019 ACSM. They gave away a young investigators award. They mentioned there will be a motor control symposium this year in Calgary.

Next year MCG will have another meeting at ACSM and maybe will have one more at iFAB.

ISB council notified MCG that they were voted to become an official TG of ISB.

### ***TGCS (Jeff Reinbolt)***

Jeff began by stating that their meeting was successful. They had 99 delegates and 56 abstract submissions. TGCS had two female keynote speakers and session had students as co-chairs. This year they provided extended time for simulations.

Membership – there is no membership fee for the TGCS.

EC asked how TGs deal with their funding. TB said its worth having a serious discussion about ISB helping out with the upfront monetary costs. Jeff mentioned they would probably keep the TGCS as a separate symposium.

Jeff finished by stating TGCS is considering having a mini challenge for some kind of clinical problem.

### ***3D-AHM (Li-Shan)***

Li-Shan stated that 3D-AHM holds their meetings on off ISB years.

The next meeting will be in AMES Iowa (go Cyclones!) on July 12th of 2020. They are looking to bring in Kent Kaufman with three female speakers and three males speakers. 3D-AHM was able to get 25 individuals to help with abstract reviewers and they already have industry sponsors.

### ***Representative of Greek Society of Biomechanics***

The Greek Society of Biomechanics was first informed they are an affiliated society of ISB. TB stated there is in fact a link to the Greek Society on the ISB website.

Their members are about 200 and they are very active. They expect numbers to approach 300.

Every other year the society has their congress. On average there are 100 – 120 people in attendance, depending on the year. 80% of attendees are senior scientists and 20% are students.

They would like to bring non Greek colleagues to their congress, such as an ISB executive member.

The executive members will contact TA about having a session at the up coming ISB meeting.

## **13. Actions**

1. Development of a conference code of conduct. First proposed by MB and supported by all executive
2. JH to work with TA to include ex officio appointments in the operating codes.
3. TA will follow up with JOB about appointment of CDK to editorial board.

4. Awards officers (Tim Derrick /Katherine Boyer) - ISB will establish an award promoting female researchers.
5. Awards officers (Tim Derrick /Katherine Boyer) - Need to remove the age limit for the David Winter Award from the award guidelines.
6. MB will help student draft up guidelines for ISB student chapters.
7. TA will form a Subcommittee comprised of previous, current and upcoming ISB conference organisers, the president, president elect, and Joe. Guidelines concerning shared organization of ISB congresses with other societies needs to be put into the conference bidding guidelines.
8. TA will look into getting Childcare into the ISB 2021 conference.
9. JH, AL, TA, and TC will meet with WCB and ask that, at a minimum, ISB is granted the same presence at the upcoming WCB as received in Dublin.
10. MB will look into We Chat social media, to determine if ISB should have a platform.
11. Incoming education officers will put together a budget for monies needed for tutorials and education.
12. BE will provide statistics of ASB vs ISB membership at the conference.
13. AL will approach Elsevier and human kinetics about the process of having journals manage the subscription process instead of ISB.
14. JH will send a formal letter to motor control group that they are now an official technical group.

#### **14. Motions**

1. Moved TA, Seconded CDK "... that the minutes are a true and accurate record of the meeting". CARRIED.
2. JH made a motion to accept Robert Gregor as a honorary member. The motion was seconded by AC and carried unanimously.
3. JH mentioned that we need to appoint another person to the JOB editorial board. CDK was asked by JH and she accepted. The appointment was seconded by TB and carried unanimously.
4. CDK puts forth a motion: "ISB will establish an award promoting female researchers". The motion was seconded and carried unanimously.
5. CDK motioned to remove the age limit from DWA, seconded (TB), 1 opposed (TF), motion carried.
6. A vote was had on the ISB fellow nominations. The vote was unanimous for both nominations. The ISB fellows for the class of 2019 are: Karen Sogaard and Andrew Cresswell.
7. EC put forward a motion for Motor control group to become official TG, AC seconded, and carried unanimous.
8. DB motioned that president has 5k per year discretionary fund, which requires no approval, 5k to 10k per year requiring approval of three presidents, above that council approves via electronic vote. Seconded by TF and carried unanimous.

9. JH stated that MB provided him with a budget and it is basically services for BOOM, which is \$110 USD (~3700 AUD over 3 years). DB suggested upping it to 150 USD or ~5000 AUD for two years). LC motions, DB seconds, carried unanimous for \$5,000 AUD to social media.
10. FBG has constitution changes – Would like to have an awards officer. EC put forth motion to accept, DB seconded, carried unanimous.
11. A Motion from EC to make the CNB group a working group, TB (2nd), and carried unanimous.

DRAFT