Message from the President

Hiroyuki Nunome

Dear ISBS members,

My sincere greetings to all the members. I feel a great honour to serve the society as the President for the next two years, and likewise, it is my great pleasure to be a part of such a fantastic group of scholars. I am very fortunate to be following the wise leadership of Past-President Prof. Randall Jensen. My pledge as the ISBS president is to maintain the positive momentum of our society. My first time at an ISBS conference was in Hong Kong in 2000. I was fascinated by the science, missions and friendly atmosphere among the delegates. I fell in love with the ISBS instantly; however, I never imagined I would have a chance to one day be the president. If I could return to that time, I would tell myself, “Stay in academia because you will be the ISBS president in the future”. So, young scholars, please be ambitious; you are the future of society. In recognition of this, at the last post-conference meeting of the board, we decided to increase the amount of the student’s travel grant. So, students, you are cordially invited to participate; please put your best foot forward!

The quality of science in our society has improved dramatically during (Continued on page 3)
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Message from the President

Hiroyuki Nunome

the past decade. We should be proud of our official journal, “Sports Biomechanics”. I personally have been happy to serve the journal as an Associate Editor for years and witnessed its growth throughout my tenure. The ISBS and I appreciate the current Editor in Chief, Dr. Daniel Fong, and the team of Associate Editors for all of their dedication and hard work in promoting the journal whilst maintaining the high standards of the applied research it communicates. At the same time, we hope we have been keeping a friendly atmosphere amongst contributors while maintaining a high level of scientific integrity. I want to reinforce this as one of the most beautiful values of our society!

Over the last few years, the ISBS has been working toward achieving Diversity, Equity & Inclusion (DEI). I agree with this principle because all scientists must be evaluated by their pure nature of science regardless of gender, race, economic background and factors outside of science. The Former President, Prof. Duane Knudson, launched this community. I took over his leading role, and now Prof. Randall Jensen is working hard to set the principles within our constitution. At the last post-conference meeting of the board, we also decided to work towards proposing a new Vice President for DEI to adopt an increasing, diverse workload. I am sure a series of our activities will help us to achieve DEI in all our academic activities in our society.

(Continued on page 4)
Message from the President (Cont.)

Hiroyuki Nunome

Following the success of the first three online symposia, our 4th Online Symposium will take place on 7th - 8th February 2024 and will again be free to ISBS members. Please take this opportunity to become involved with this meeting, especially if you find it difficult to attend the annual ISBS conference in person.

After a long, difficult time, we are fully returning to be able to exchange our latest findings, ideas and recent advances with friends and colleagues in person. The society and I are grateful to Dr. Kristof Kipp & Dr. Christopher Geiser and their team for hosting an outstanding 41st ISBS Conference at Marquette University in Milwaukee, USA. First of all, the conference was filled with excellent hospitality. I am sure the organisers have gained an excellent reputation among delegates for their heart-warming and well-organized conference management. The beautiful campus also contributed to a pleasant and stimulating conference experience. Thank you to all who attended and contributed to the conference, especially the scientific committee. You can catch up on the latest sports biomechanics research by accessing our proceedings archive if you missed the conference. The ISBS is particularly grateful to ongoing society sponsors (Delsys, Qualisys, Simi and Vicon) and many other sponsors supporting and exhibiting their latest technology at the conference. We look forward to the 42nd ISBS conference in Salzburg, Austria. I can’t wait for the start on Monday 15th July. See you all very soon.

Please feel free to call me “Hiro” and reach out to me if you have any good ideas for emphasising the academic activities of the ISBS.

Hiroyuki Nunome
President of ISBS

Society Administration

The Society’s Pre and Post Conference Board Meetings and Annual General meeting were held at the annual conference in Milwaukee, USA. Minutes and reports for these meetings are available in the Society Administration tab of the ISBS website for members.
My cohosts and I were delighted to welcome 240 delegates to Milwaukee for the 41st ISBS conference this past July. The scientific program for the conference featured 119 research papers that were presented across 22 oral and two poster sessions. The Geoffrey Dyson Lecture was given by Dr. Jill McNitt-Gray and the Hans Gros Award Lecture by Dr. John Warmenhoven. Additional keynotes and panels featured speakers from academia and industry as well as professional and Olympic sports. The applied program was rounded out by several applied workshops on various topics such as integration of biomechanics in baseball, programming in Python, low-cost motion capture alternatives, and weightlifting biomechanics. The catering team at the conference venue told us that coffee consumption ranked among the top 5 for any event held at Marquette University in the last 30 years! I am not sure if that reflects on biomechanists or was a by-product of the large contingency of delegates with jet lag.

The conference program also included a well-attended student mentor breakfast and a fantastic discussion panel on global perspectives on challenges faced by women in biomechanics. The social activities included visits to American Family Field (home of the Milwaukee Brewers), a river cruise, and a brewery tour that ended with an unforgettable revival of the theme song from the American TV show Laverne and Shirley. The last day of the conference was marked by a parade of 7000 Harley Davidson motorcycles that drove past the conference venue. The conference ended with an evening at a local brewery and catering from several food trucks. Collectively, we were grateful to have had the opportunity to host the ISBS conference and would like to thank all conference sponsors, members of the ISBS executive council, applied session hosts, session chairs, reviewers, and finally all delegates who attended the conference.
We are excited to announce the first call of papers for the annual scientific conference of the International Society of Biomechanics in Sports in 2024. The conference will be hosted at Paris-Lodron University in Salzburg, Austria, from July 15-19. Visit [isbs2024.com](http://isbs2024.com)

### Key Dates

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### Submission Information

Papers can be submitted through the online portal: [https://commons.nmu.edu/isbs/](https://commons.nmu.edu/isbs/)
We will be hosting our 4th Online Symposium on 7 - 8th February 2024.

The symposium will again take place online and will incorporate a number of different session themes and formats that will be presented across varying time zones to accommodate ISBS members from around the globe. As well as research and applied biomechanics focussed events that are suggested by ISBS members, events will also include opportunities to connect with other ISBS members in less formal sessions similar to the students’ event, women’s event and mother’s café from previous years.

All events will be free and available to all ISBS members.

Please ensure that your membership is current to participate and register. Unsure of your membership status? Check on the ISBS website.

Some of the sessions from the 2023 Symposium included:
Teaching Initiative

Lightning Talks Session

Monday 4th December 2023, 23:00 GMT (90 mins)

Please join us for an interactive session featuring a series of short talks and discussion on the following topics:

- Problem Based Learning (PBL) creates empowerment and uncertainty - initial reactions from 2nd year students
  Laurence Protheroe, Hartpury University, UK

- The AI Teaching Assistant: Exploring Opportunities for Personalised Learning in Biomechanics
  Mark White, Swansea University, UK

- The successes and challenges of adopting a case study approach to biomechanics education
  Kelly Sheerin, Auckland University of Technology, New Zealand

- Course-based Undergraduate Research Experiences (CURE) in a biomechanics course
  Steve Leigh, Marshall University, USA

- Applying cooperative learning to solving In-class problems
  Boyi Dai, University of Wyoming, USA

- Evaluating the impact of a ‘Clinician Q&A’ video series on students’ attitudes towards biomechanics and perceived relevance of biomechanics to future careers in physiotherapy
  Rees Thomas, Victoria University, Australia

- Activities and ideas for blended learning in biomechanics
  Veni Kong, Nanyang Technological University, Singapore

To Register: tinyurl.com/ISBSteach23

A Zoom link will be sent closer to the event date
The following awards were presented during the Annual Conference held in Milwaukee, USA, in July 2023.

**Geoffrey Dyson Award**

The Geoffrey Dyson Award and Keynote Presentation is the most prestigious award offered by ISBS. It is awarded to an individual who through their professional career has embodied and carried out the primary purpose of ISBS; to bridge the gap between researchers and practitioners.

The award is named after one of the founding figures of Sports Biomechanics, Geoffrey Dyson. Geoffrey Dyson had a long and strong academic and coaching career. He was the coach of the British Olympic Team in 1952, 1956, and 1960. In 1962, he first published his book on the Mechanics of Athletics. He was a speaker for the International Olympic Academy and conducted athletic courses in 14 countries. According to John Disley, one of Geoffrey Dyson's favourite pupils, “he devoted his life to making coaching a science and to exposing the charlatan whose only effective advice was do it again, but harder”.

The 2023 recipient was **Professor Jill McNitt-Gray** from the University of Southern California, USA. Professor McNitt-Gray delivered an engaging and inspiring keynote presentation which gave a thorough overview of her lifetime’s work across an array of different sports. Professor McNitt-Gray provided many fascinating insights into how she has approached applied sports biomechanics problems to enable her to bridge the gap between science and practice, and truly make an impact. Keep an eye out for Professor McNitt-Gray’s forthcoming invited article in Sports Biomechanics which will elaborate on her lecture as part of his Geoffrey Dyson Award.
ISBS Awards 2023 (cont.)

Steffi Colyer

It was announced towards the end of the 2023 Annual Conference that the 2024 Geoffrey Dyson Award Winner will be Professor Jacqueline Alderson from the University of Western Australia, Australia. We all look forward with great anticipation to hearing Professor Alderson’s Keynote Presentation at the start of the 2024 Annual Conference hosted by University of Salzburg, Austria.

Fellow of ISBS

The ISBS Fellow award recognises substantial scholarly and service contributions to ISBS and Sports Biomechanics. Fellowships were awarded this year to (below, from left to right) Dr Boyi Dai (St Mary’s University, UK) and Dr Ezio Preatoni (University of Bath, UK). Congratulations to both of our new ISBS Fellows!
ISBS Awards 2023 (cont.)

Steffi Colyer

Hans Gros Emerging Researcher Award

The Hans Gros Emerging Researcher Award recognizes excellence in early career research. This prestigious award is given annually to an individual who has excelled in their early research career (2-5 years post PhD) and has embodied the ISBS philosophy of applied science and ‘bridging the gap’ between research and application in practice. The Hans Gros Emerging Researcher Award was first awarded in Taipei, Taiwan as part of the 31st ISBS conference. The winner is invited to present a lecture on their research at that year’s ISBS conference.

The award was named to commemorate Hans Gros for his contribution to ISBS. Hans Gros was a founding member of ISBS and was President in 1996-1998. Hans established the first ISBS website and was awarded Life Membership in 2001 in San Francisco. He was a faculty member at the University of Stuttgart in Germany and taught biomechanics, skiing, and track and field. His research interests focused on sports equipment design for gymnastics, archery, and the biomechanics of track and field.

This year’s recipient was Dr John Warmenhoven from the University of Technology Sydney, Australia, who delivered an excellent presentation entitled Over 30 years of Function Data Analysis in Human Movement, which gave a thorough and fascinating overview of how the field of functional data analysis has evolved over the past few decades and how we can utilise these approaches and data visualisations to uncover and present truly unique insights about sports movements. Make sure to give Dr Warmenhoven’s forthcoming article in Sports Biomechanics a careful read when it is published, as it will focus on this topic as part of his award prize.

Dr John Warmenhoven
University of Technology Sydney
The New Investigator Award was once again extremely competitive. Congratulations to all of the new investigators who were shortlisted to the poster and oral finals and presented their work as part of these at the 2023 Conference. The top three for each category are listed below and we look forward to hopefully seeing the two winners’ studies published as award articles in Sports Biomechanics in due course.

**Oral Presentation Winners**

1. **Adrian Rivadulla** (University of Bath, UK)
2. **Matteo Genitrini** (University of Salzburg, Austria)
3. **Cody Lindsay** (University of Canberra, Australia)

**Poster Presentation Winners**

1. **Toshihide Fujimori** (University of Tsukuba, Japan)
2. **Beomdo Kim** (Seoul National University, South Korea)
3. **Adam Nebel** (Auburn University, USA)

**ISB World Athletics Award for Biomechanics 2024**

We are delighted to be hosting the International Society of Biomechanics’ (ISB) World Athletics Award for Biomechanics in 2024. This award was first given at the ISB conference in 2021 and will be hosted by ISBS in all ‘even’ years when there is no ISB conference. Only papers submitted to the ISBS annual conference will be eligible for consideration.

The World Athletics theme for 2024 is throwing-related research. If you are conducting research in throwing biomechanics then please consider submitting your work for the 2024 ISBS Conference and applying for this exciting new award. Further information about applying will be circulated nearer the paper submission deadline, and some is also available on the ISB website.
Awardees of Research Grants 2023

We received high-quality applications for student research and internship grants. Thank you for submitting your applications. Following the review process by the ISBS Research & Projects Subcommittee, the following grant awardees were announced at the conference’s closing ceremony. Congratulations to all of the awardees. I wish you the best of luck with your research and look forward to hearing about your findings as you present at ISBS in the coming years.

**Student Research Grant (2 recipients):**

Madison Treece  
Texas A&M University, USA  
Project title: Human spatial electrical muscle dynamics during running.  
Research mentor: Dr Andrew Nordin

Bethany Canty  
University of Lincoln, UK  
Research mentor: Dr Ian Bezodis

**Internship Grant:**

Dr Louise Burnie  
Northumbria University, UK  
Project title: Validity and reliability of gait metrics measured using the Stride Smart system in the AlterG treadmill compared to the Xsens system.  
Student intern: Michelle Lyons
I was awarded the 2022 ISBS Student Research Grant to support my dissertation project titled ‘Mid-flight external trunk perturbation and landing and cutting mechanics: implications for anterior cruciate ligament injuries’ at the University of Wyoming. Three studies were completed for me to receive my doctoral degree. I am currently an assistant professor at the University of Kansas.

The anterior cruciate ligament (ACL) injury is one of the most frequent severe knee injuries in sports. Non-contact ACL injuries have been studied extensively, but the overall ACL injury rates have not significantly decreased. Our studies aimed to quantify the effect of mid-flight external trunk contact on ACL loading variables during landing and cutting tasks, as well as the effects of different single-leg landing techniques on ACL loading variables with and without mid-flight trunk contact. To create mid-flight trunk contact, we developed two customized apparatuses. Trained researchers released the trigger, allowing a 10-lb slam ball to contact participants near the peak jump height.

Participants performed double-leg jump-landings and single-leg landing-sidestep-cutting with or without a perturbation applied to either side of their shoulder/hip during mid-flight in the first and second studies, respectively. We found that mid-flight external trunk pushing perturbation increased ACL loading variables for the leg contralateral to the perturbation. The shoulder perturbation resulted in greater changes in ACL loading variables compared to the hip perturbation. The first study has been published in the Journal of Sport and Health Science (https://pubmed.ncbi.nlm.nih.gov/36496132/).

The third study assessed the effect of natural, soft, and falling landing techniques on ACL loading variables during single-leg landing without and without mid-flight external trunk perturbation. The results showed that falling techniques significantly decreased ACL loading variables, particularly when perturbation was applied. As such, falling is suggested to be incorporated into jump-landing training programs to reduce ACL loading. I present this work at the 41st ISBS annual conference in 2023.

Being part of the ISBS committee and attending ISBS conferences has been an incredible experience for me. The ISBS Student Research Grant played a pivotal role in advancing my research projects. I am truly thankful for the support. I would also like to extend my appreciation to the entire ISBS committee for their dedication to fostering research and innovation in sports biomechanics. I look forward to staying involved with ISBS and contributing to the advancement of sports biomechanics in the years to come.
Call for Applications: ISBS Research Grants 2024

Boyi Dai
ISBS Vice President (Research & Projects)

Call for Student and Full Member Grants

ISBS is pleased to announce that the Student Research Grant, Internship Grant, and the Mobility Grant will all be available in 2024. These grants have been developed to support the research activities of ISBS members. Brief information relating to all three grants is provided over the next two pages. Full details of the grants and application processes are available under the ‘Grants’ tab of the website: www.isbs.org/grants. Please note that the deadline for all applications is April 15, 2024.

Student Research Grant

The Student Research Grant is open to final year undergraduate students and graduate students, and is available to fund biomechanics research projects in an environment that provides strong mentorship from an established researcher. The grant is designed to assist the student in the early stages of their professional development to encourage the pursuit of biomechanics research.

Funds Available / Allowable Costs

ISBS funds up to two awards per year. Each award may be up to €1000 and is available to fund research for up to one year in duration.

Applications in one or more of the following areas are encouraged:

• Sports / Exercise biomechanics • Paediatric/gerontology exercise biomechanics
• Development of biomechanical methods/instrumentation
• Fundamental movement biomechanics • Sports engineering
• Biomechanics of injury prevention and rehabilitation in sport/exercise
Call for Applications: ISBS Research Grants 2024

**Internship Grant**

The **Internship Grant** will provide funds to pay an intern student to assist with the research of a full ISBS member. The purposes of the internship are to: 1) support full ISBS members (particularly early career researchers) in their research activities by providing student internship support, and 2) foster the intern student’s interest in biomechanics research and provide them with an opportunity to become familiar with research techniques and collect data under the guidance of an ISBS researcher.

**Funds Available / Allowable Costs**

The amount paid will be €250 per week for students living away from home or €150 per week for students living at home for 4-8 weeks and is administered by the Host Institution. Other research expenses are not payable. Student interns are offered one year’s free ISBS student membership.

**Duration / Eligibility**

Projects should be achievable in 4-8 weeks – students should be working on a specific project and details of what is intended to be achieved within the time frame is required at application. Students should currently be enrolled as an undergraduate or taught masters student (PhD students are not eligible as intern students). Applicants must have been ISBS members for three consecutive years.

**Early Career and Developing Researcher Mobility Grant**

The **Early Career and Developing Researcher Mobility Grant** will provide funds to support full ISBS members to travel to an ISBS member’s or applied organization’s lab. Alternatively, when the applicant is unable to travel due to family obligations or medical reasons, this grant may be utilized to fund an ISBS full member to visit the applicant’s lab. The purpose of this grant is to allow the applicant to learn new techniques, collect data, develop research skills, bridge the gap between research and practice and build collaborative sports biomechanics networks. Visits may be to a research lab or applied organization that utilizes sports biomechanics (e.g. National Governing Body or footwear/ equipment manufacturer).

**Funds Available / Allowable Costs**

Up to €2000 is available to support travel costs and accommodation/ subsistence. Full anticipated costings and details of other current financial support to be provided with application.

**Duration / Eligibility**

Visits are for a duration of 4-8 weeks. 
ECRs should be less than 3 years post-PhD graduation (not including verified absence due to sickness, maternity, paternity). Developing Researcher >3 years post-completion of PhD.

Applicants must have been ISBS members for three consecutive years.

Boyi Dai

ISBS Vice President (Research and Projects)
1st call for hosting the 45th Conference (2027) of the International Society of Biomechanics in Sports

The annual ISBS conference is a key-event for the international scientific exchange and networking within the field of sports biomechanics. At this time of the year, we are making the first call to ISBS members interested in hosting this prestigious event in the year 2027.

This first call is open to interested ISBS members in the preferred region of Europe / Africa, with a proposal deadline 31st of March, 2024.

If no proposals are received from the preferred region, a 2nd call for hosting will be made on the 1st of April 2024, opening the invitation to all global regions. The deadline for submission will then be 31st of May 2024.

Preparation of bid:
If you are interested in hosting the 45th ISBS conference in 2027, please prepare your bid according to the ‘Policy Manual for Planning and Preparation of the ISBS Annual Conference,’ which can be found in the Society Administration tab on the ISBS homepage: https://isbs.org/images/Policy_Manual_VP_Conferences_2023.pdf

The policy manual document contains all relevant information to guide the preparation of a proposal to host the conference and information to help prepare and organise the ISBS Conference.

Submission of bid:
Those wishing to submit a bid to host the conference in 2027 should submit the electronic file of the application to the VP of Conferences (vpconferences@isbs.org) by the 31st of March, 2024.

Please don’t hesitate to contact me to indicate your interest in preparing a bid and if any further information is needed.
I look forward to receiving your bid.

Kind regards

Tim Exell
ISBS Vice President (Conferences and Meetings)
A committee meeting was held at the ISBS Conference in Milwaukee attended by: Felipe Carpes, Steffi Colyer, Ina Janssen, Stephanie Moore, Aaron Martinez Alvarez, Yu Song, Stuart McErlain-Naylor, Randall, Jensen, and Hiro Nunome. Discussion of future activities included the possibility of hosting an ISBS Satellite conference in an Economically Developing Country (EDC) that would be either a stand-alone conference and/or hosted as a joint conference with a local society. Sponsorship to facilitate this conference would be needed, with ISBS sponsors being given priority. The Ad Hoc Committee recommended that for future Conferences, the Early-Bird registration rate be maintained throughout the registration period for delegates from Economically Developing Countries. In addition, the development of a new “ISBS Inclusion Award”, which would be available to any gender and/or for studying paralympic sports was proposed. Further discussion of these proposals is ongoing. Perhaps the biggest action is that wording for an updating of the ISBS By-Laws to include a Vice President and Standing Committee of Diversity, Equity, and Inclusion is currently under discussion by the Board of Directors. If approved, it will be distributed to the membership to vote on its approval, likely early in 2024.

At the 2023 Conference in Milwaukee the Women in Biomechanics group organized a panel discussion titled Global perspective on challenges faced by Women in Biomechanics. Nearly 100 delegates attended the discussion led by Steffi Colyer and Crystal Kean, with participants Jill McNittGray, Mariana Kersh, Yu Song, Alba Herrero-Molleda, Wen-Tzu Tang, Pamela Carpes, Molly Goldacre touching on a variety of topics.

The second ISBS Women’s Circle has 11 circles formed with approximately 65 members. A report on the first round of the Women’s Circle is in the final stages of preparation. Overall, the results are positive, with participants noting several personal and professional benefits due to their participation in the circles. A common theme from respondents was that their circles helped them build a network of support, which provided them with a sense of empowerment, built confidence, and better work-life balance and habits. The survey also helped identify some challenges (i.e. meeting across time zones) which the organizers are hoping to address in future iterations of the program. Any women interested in participating should contact Crystal Kean c.kean@cqu.edu.au to get involved as new circles are being formed.
Women in Biomechanics Wikibomb

Wikipedia is Earth’s most widely read knowledge repository, with approximately two billion unique device visits per month. Despite this, less than 20% of Wikipedia biographies are about women. A search of 'Women in Biomechanics' on Wikipedia in 2023 by Emeritus Professor Julie Steele returned no results. We want to change this.

With the help of our biomechanics community, across 2024, we will undertake a Wikibomb to create and update Wikipedia biographies of notable women in biomechanics. For more information about what makes someone notable click here.

The Women in Biomechanics Wikibomb is an initiative of the International Society of Biomechanics and will ensure that women biomechanists are visible to younger female scientists on Wikipedia so they can imagine education and careers in biomechanics – just like us!

To conduct the Women in Biomechanics Wikibomb we are calling on the biomechanics community to volunteer their time in one of two capacities. Please join us by:

1. Volunteering to write or update a profile of a notable woman in biomechanics and/or
2. Joining the editorial team who will systematically review and upload the profiles

Please note that a template and clear instructions on how to write and edit profiles will be provided in early March 2024 for all volunteers. We plan to complete the profiles across 2024 and celebrate our success (aiming to edit and create 100 profiles of notable women in biomechanics) at ISB 2025. However, our efforts won’t stop there; in undertaking this activity, we will establish a systematic process for creating and editing Wikipedia pages so that, as a community, we can continue to build and expand this resource.

Please join us by registering your interest to participate in the Women in Biomechanics Wikibomb by the 31st December 2023 via the following Google Form.

Thank you,
Celeste & Fraje
(Women in Biomechanics Wikibomb Coordinators)

Associate Professor Celeste Coltman
Email: celeste.coltman@canberra.edu.au

Dr Fraje Watson
Email: f.watson@imperial.ac.uk
Molly Goldacre
ISBS Student Director 2022-2024

ISBS Conference 2023—Milwaukee

This year’s in-person conference kicked off with the Student Meet and Greet, which allowed students to meet fellow student attendees. The session was a great success, and the wild Milwaukee weather didn’t deter all the eager students ready to jump into the conference week! The Student-Mentor Program provided another excellent networking opportunity for student attendees to connect with more senior academics and members of the society. I thank the outgoing Vice-President (Research & Projects), Ina Janssen, for organising another incredible student mentor program. This initiative has facilitated invaluable networking for students and improved their overall experience at the conference. The ISBS Student Night was another highlight of the week, where the organising committee from Marquette planned a fun night of bowling. There was lots of biomechanics talent on show, and everyone had a lovely night getting to know fellow ISBS students worldwide. Thank you to Kristoff, Chris and all those from the Marquette team for delivering such an enjoyable conference!

Upcoming Initiatives

The Online Symposium is the next major event on the ISBS calendar. Daniel and I are working on running some student-led initiatives. If you would like to help us with delivering these for the online symposium, please reach out via email!

I want to finish by extending a massive thank you to outgoing Student Director Evan Crotty, who has worked tirelessly over the past two years to make sure student ISBS members have had positive experiences both in a COVID lockdown and post world. Thank you for everything. With that, I would like to welcome Daniel Williams as the incoming Student Director—I look forward to working with you!

All the best,
Molly Goldacre  molly.goldacre@research.uwa.edu.au  @MollyGoldacre
Daniel Williams

ISBS Student Director 2023-2025

2023 was a great year for ISBS, with the annual symposium and conference providing student members with the opportunity to expand their scientific knowledge and professional network. Unfortunately I was unable to attend the in-person conference this year but I have seen and heard great things about the student initiatives. Thank you to those of you who engaged with these opportunities, and thank you for the hard-work of Evan Crotty and Molly Goldacre, and the team at ISBS 2023 who made them possible. As your newly-appointed Student Director, alongside Molly, I aim to build upon the great work of Evan and his predecessors. We have some exciting things planned to make the upcoming Online Symposium and ISBS 2024 meaningful experiences for fellow students so make sure you keep up-to-date with all ISBS outputs to see how you can benefit as a student member. Please reach out if you have any questions about how you can get involved or if you have suggestions for creating a positive student experience (contact details below).

Get to know me:

I am a second year PhD student at Sheffield Hallam University in the UK. My degree is in collaboration with the UK Sports Institute and Great Britain Cycling Team and my research is exploring the acute and chronic biomechanical effects of aerodynamic cycling positions in elite cyclists. Outside of my research...

• I love watching sport with football (lifelong Manchester United fan), Formula 1 and boxing being amongst my favourites. For my own fitness, I have just got back into running and also cycle, box and go to the gym when I can.
• Outside of sport, I like reading (things other than Sport Biomechanics!) and travelling. I am currently looking for my next destination so any suggestions let me know!
• Like many others during Covid I picked up a hobby, which in my case was learning to DJ. Probably time to dust off the decks again...

To finish I would like to thank the ISBS community for entrusting me as the new Student Director. It is a privilege to represent ISBS student members views on the Board of Directors. I look forward to seeing all of you at the Online Symposium and the ISBS conference in 2024.

Kind regards,

Daniel

@danjwilliams99
daniel.williams@uksportsinstitute.co.uk
The ISBS Student Mentor Programme was held for the 12th time during the 41st ISBS Annual Conference in Milwaukee. A total of 35 students from different countries took part. Each student mentee was matched with a student mentor prior to the conference based on their research and teaching interest and experience. Mentees and mentors from around the world met over breakfast at the start of the conference and continued their communication and discussion throughout the conference. The 1:1 ratio between mentors and mentees enabled students to receive a lot of individualized advice such as research ideas, teaching strategies, collaboration opportunities, professional developments, and career paths.

Thank you to all of the mentors who volunteered their time and experience this year. Details regarding the Student Mentor Programme at ISBS 2024 in Salzburg will be available in the March/April 2024 newsletter and on the conference website. I hope to see many of you there!

Yu Song was a Ph.D. candidate at the University of Wyoming and is currently an assistant professor in Sports Biomechanics at the University of Kansas. She participated in the Student Mentor program during the ISBS annual conferences 2022 and 2023.

I enjoyed this Student Mentoring meeting program. I had my first meeting with Dr. Kat Daniels. I was a little bit nervous as it was my first mentoring experience, and I had no idea what I should expect to happen. Dr. Daniels shared her career path as a female biomechanist, which is very encouraging. Later on, I participated in my second mentoring meeting during the last year of my doctoral program. Dr. Duane Knudson met me during breakfast time and shared his interaction with ISBS and his experience in biomechanics. He was very approachable and knowledgeable. Overall, I think the Student Mentoring meeting is such a great chance for students to talk with professors at other institutions in the same discipline. It was also fun to share experiences from different perspectives. As an early career researcher, I would recommend this program to all students and am willing to serve as a mentor in the future to help.

The ISBS Student Mentor Programme is unable to run or be successful without having mentors volunteer their time for the students. We wanted to take the opportunity to recognise those members that have volunteered their time for at least 8 out of the last 12 years. On behalf of the students and ISBS board, thank you for your dedicated support and commitment!
We warmly thank our four society sponsors – SIMI, VICON, DELSYS and QUALISYS – for their ongoing support of ISBS. They provide important support to the mission of ISBS thorough their quality products and financial support to the Society. We encourage you to consider these fine vendors of sports biomechanics research equipment and software when purchasing or updating your lab equipment.

**Affiliated Societies**

ISBS is currently affiliated with: the Société de Biomécanique (SB), Japanese Society of Biomechanics (JSB), Arab Society of Biomechanics in Sports (ArabSBS) and European Society of Biomechanics (ESB). This is in addition to our continued association with the International Society of Biomechanics (ISB). These affiliations are an exciting opportunity for all and we look forward to working closely with these leaned societies to grow the discipline of sports biomechanics.

I would like to highlight that, as part of our affiliations with ESB, SB, ArabSBS and JSB, members of ISBS can attend their conferences with the same registration fees than their own members. Do not miss to check out their websites for further information on their annual conferences and dead lines for submitting your abstracts.

**Sport Biomechanics Journal X/Twitter Account**

Sports Biomechanics, the official journal of ISBS, has a Twitter/X account animated by our VP Publications, Dr Stuart McErlain-Naylor from Loughborough University, UK. I warmly encourage you all to follow ISBS Twitter account, if you have not already, like, retweet and comment the research being posted. The dissemination of our activities to the wider community is a key part of our society ethos to bridge the gap between research and practice, so taking few minutes to browse and share help to achieve this goal and grow our discipline further.
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