



Message from the Secretary-General

Dear ISCEV community,

Many of us had planned to meet in September 2020 for the 58th Annual ISCEV Symposium at the beautiful location of Les Îles-de-la-Madeleine, Quebec, Canada. Instead, many of you will have joined me for the

first virtual ISCEV Symposium, which replaced the face-to-face Symposium due to the COVID-19 Pandemic. Despite the disappointment at not having been able to attend the Symposium in person, I believe all of you will agree that the virtual Symposium offered many opportunities to share great science, interact with our colleagues, and captured that special feeling of having attended an ISCEV meeting. There was even a really spectacular (and quite challenging) Olympic competition developed by Professor Pierre Lachapelle and a fabulous final presentation presented by Professor Colin Barber.

Congratulations to all of the organizing team for working especially hard this year! After all of their hard work preparing for the Îles-de-la-Madeleine Symposium, they were willing to change direction to plan a completely different Symposium in record time! Great job to the Canadian team! Full details in the Newsletter next year.

During the 2020 Membership Meeting, there were multiple elections held. The details of these elections are provided in this NewsExtra. There are two elections that members will be asked to vote upon (paid Regular, Family, Corporate, Emeritus Type 1 and Honorary Members may vote). These two elections are for member-at-large from 2021 and for the Symposium location for 2023. Specifics about the candidates and locations are given in this NewsExtra; please see below for details. You will soon be provided the opportunity to vote via e-ballot.

I look forward to seeing many of you at the 2021 ISCEV Symposium in Liverpool. It remains to be seen exactly how the 2021 Symposium will look, but regardless, the Society will continue to meet to share science and ideas in the best manner possible. Stay safe all.

Karen Holopigian, ISCEV Secretary General

Membership Meeting 2020	
AGENDA	
1. Opening & welcome by the President	Planned update to by-laws
2. Minutes of 2019 Membership Meeting	Working group convened to plan blending live and virtual formats for future meetings: seeking members
3. Report from the Symposium Organiser	
4. ISCEV Officers' Reports	
5. Highlights from the ISCEV Board of	2020 virtual meeting subsidized: future



The Director of International Communications

Dear ISCEV members, friends and colleagues:

Now you can influence ISCEV by your vote again! This newsletter contains two Member-at-large statements and two choices for the Symposium Site 2023. For voting we will use e-vote again, as this worked very well so far. All paid members (not junior or emeritis type II) will receive voting details in \approx a week. The "paid" status means you have paid the membership dues for 2020 (apologies for this sordid content).

How to pay the membership dues? This is detailed here:

iscev.wildapricot.org/DuesPayment

Said page is also accessible from the ISCEV homepage, right yellow box, near bottom, "Membership Dues Payment". In case of any questions or problems, don't hesitate to contact me:

michael.bach@uni-freiburg.de

Michael Bach, ISCEV DoIC

59th ISCEV Symposium and Courses 2021: Liverpool, England

Dates

4–7 August 2021, Courses 2–3 August 2021

Organizers

Tony Fisher & BriSCEV; Symposium Coordinators: Richard Smith and Colin Barber

Liverpool is a historic city; it is safe and family friendly. Travel to Liverpool is easy and not very expensive. Travel from Europe is via the John Lennon Airport, with budget carriers, travel from outside Europe is via Manchester International Airport with many direct flights and travel from London is via a high-speed train ride.

The meeting will be held in collaboration with BriSCEV (British Society for Clinical Electrophysiology of Vision) with overlap between the meetings. The courses will be held on the 2–3 August 2021, BriSCEV on the 3 August with a shared day on the 4 August. The Venue is a conference center overlooking the river. There will be >600 available rooms at the venue and other types of accommodations in various price ranges will also be available.

Liverpool also has many interesting social, scientific and cultural places of interest, focused on many aspects of the city, including of course, the Beatles. In addition, the terrain is relatively flat, so it a good location for cyclists.

Due to the Pandemic, the team is working on contingency plans in case a live meeting is not possible but the team is still optimistic that they will be able to welcome you to Liverpool in 2021!

60th ISCEV Symposium and Courses 2022: Kyoto, Japan

Dates

21–22 March 2022: Courses 23–26 March 2022

Organizers

Professor Masayuki Horiguchi; Symposium Coordinator: Mineo Kondo

Professor Horiguchi welcomes everyone to Kyoto.

Important dates: Registration/Abstract submission opens 20 Oct 2021; Abstract submission deadline is 8 Dec 2021; Registration deadline is 20 Jan 2022.

The Congressional Venue is ICC Kyoto (Kyoto International Conference center). The venue has several different rooms for the ISCEV dinners. A traditional Japanese meal will be served at the gala dinner.

The Symposium timetable is 21–22 March for the courses; board meeting on the 22nd. The Symposium will be 23–26 March, with a tour on 25 March and Gala dinner on 26 March.

There are many hotels available in Kyoto; the fees vary from \$69–\$489 USD per day.

There are many wonderful places for the accompanying person's tour. Some of these include the Bamboo forest, a handicraft center, temples, castles and market places.

Awards in 2020

All past ISCEV awards are listed on our website here: iscev.wildapricot.org/awards.

Emiko Adachi Award

In 2019, the Emiko Adachi award was presented to two outstanding ISCEV members: Dr. Mitchell Brigell and Professor Pierre Lachapelle. Due to the virtual nature of the 2020 meeting, no Adachi lecture was given. Currently, it is planned that the award lectures will be presented in 2021 (Dr. Mitchell Brigell) and 2022 (Professor Pierre Lachapelle).

Dawson Award

The 2020 and 10th annual Dawson award was presented by Professor Sylvain Chemtob (right) from the Department of Ophthalmology, Centre Hospitalier Universitaire Sainte Justine Research Center, Montreal, Canada. His talk was entitled 'Choroidopathy in Retinopathy of Prematurity: a concern for long-term outcome'. Professor Chemtob presented his talk remotely and he was introduced by Professor Pierre Lachapelle.



Dodt Award

The 2020 Dodt award was presented to Megan Margetts from the United Kingdom (Physiology, Development and Neuroscience, University of Cambridge; and Institute of Ophthalmology, University College London). Her presentation's topic was 'Rod-driven electroretinogram responses in moderate Vitamin A deficiency are consistent with desensitisation due to an equivalent background'.

The Marmor Award

There was no 2020 winner of the Marmor award for an initial project. There was one 2020 winner of the Marmor Award for a follow-up project (given two years after the initial presentation). This award went to the project entitled: 'Portable device for VEP examination: continued development' and the winners were M Kuba, J Kremláček, F Vít, Z Kubová, J Langrová, J Szanyi from the Czech Republic.

Honorary member

Michael Marmor was selected by the ISCEV Board for Honorary Member Status. Richard Smith (top right, during the on-line meeting) spoke on his behalf at the Membership Meeting and the membership approved Michael's honorary status.



Results of elections during the 2020 membership meeting

Vice-President for Europe & Africa

Mr. Richard Smith has nearly completed his second term as Vice-President of Europe & Africa. We thank him for his service to ISCEV and are grateful he will remain on the board as a Symposium Coordinator for Liverpool in 2021. The Board received one nomination for this position, Dr. Dorothy Thompson. There were no further nominations from the floor. By a majority, the membership elected Dr. Thompson to Vice-President of Europe & Africa.

Director of International Communications

Professor Michael Bach has nearly completed his second term as Director of International Communications. The Board received no other nominations for this position and Professor Bach has agreed to stand for a third term if no other nominations for this position were received. There were no further nominations from the floor. By a majority, the membership elected Professor Bach to another term as Director of International Communications.

Director of Standards

Dr. Anthony Robson has nearly completed his first term as Director of Standards and is willing and able to stand for a second term. There were no further nominations from the floor. By a majority, the membership elected Dr. Robson to a second term as Director of Standards.

Secretary General

Dr. Karen Holopigian has nearly completed her first term as Secretary General and agreed to serve a second term. Her re-appointment was endorsed by the Board, and required to be ratified by the Membership. By a majority, the membership ratified Dr. Holopigian to a second term as Secretary General.

Upcoming elections

Member at Large

Professor Yin has nearly completed her second term as a member at large and we thank her for her great service to ISCEV. Two members were selected to go forward to an e-vote for member at large and their information is provided in this NewsExtra for voting decisions.

Location for the 2023 Symposium

Two locations were selected to go forward to an e-vote for the Symposium location in 2023. These locations are:

- Fairmont Le Château Montebello, Quebec, Canada; presented by Drs. Allison Dorfman and Anna Polosa and
- Madison, Wisconsin, USA. The hosting committee is comprised of Drs. T. Michael Nork, James Ver Hoeve & Bikash Pattnaik.

Information on each location is provided in this NewsExtra edition further down.

Candidate statement Member-at-large John Grigg

I am very honoured to be considered for the ISCEV board position – member at large. I have worked in clinical visual electrophysiology for more than 25 years. I am an academic ophthalmologist and currently hold the position of Professor of Clinical and Experimental Ophthalmology and Head of the Discipline of Ophthalmology, The University of Sydney.



ISCEV through the wonderful work of its members has importantly developed standards for the testing that we do. This is unique in medicine and provides the foundation for objective functional vision assessments in our practice. With ever increasing precision in the delivery of eye health care objective functional assessment is increasingly important to match the structural outcome measures. Genomic therapies and the biologic agents for inflammatory eye disease are just some of the areas requiring objective measures.

As clinicians gain a greater appreciation of the importance of visual electrophysiology in their practice the demand grows. It is this increasing demand that provides opportunities and challenges. To meet the increasing demand, we need to look for ways to scale up the delivery of services. This may include triage and screening protocols in addition to the full rigorous home base testing. To meet the demand and expand capacity ISCEV will need to be proactive in developing the workforce including technical staff, vision scientists and ophthalmologists. Covid has shown that we can adapt to online delivery of meetings and courses. Building on the excellent ISCEV symposia we will need to take the courses to the people.

Since 2008 I have been the Postgraduate coursework coordinator for Ophthalmology at Sydney University overseeing degree programs in ophthalmic basic science, international ophthalmology and short courses in ocular pathology. All programs are delivered online. Postgraduate education is moving to micro-credentialing where components can be added together to meet a degree award or simple be recognition of completion. I will bring this online educational experience to ISCEV.

I am Fellowship trained (Australia & UK) in paediatric ophthalmology, glaucoma, inherited retinal diseases and visual electrophysiology. My clinical responsibilities include inherited eye disease and glaucoma clinics at both Sydney Eye Hospital and The Children's Hospital, Westmead, Sydney. At both these centres I lead the clinical visual electrophysiology services. These are busy services assessing over 800 patients a year.

I have published 130 peer reviewed papers including Genet Med 2019 & 2020, Hum Genet 2019, Nat Genet 2018, Clin Genet 2018, Hum Mutat 2016, Doc Ophthalmologica 2020, which have been cited more than 3420 times with 53 publications and 1725 citations in the last 5 years. My research work includes detailed ocular functional and structural phenotypic characterisation and correlation with genomic findings. I have received regular peer reviewed grant funding from Ophthalmic Research Institute of Australia, Retina Australia and National Health and Medical Research Council Australia including \$5,058,990 in research funding over the last 5 years.

I have contributed to conference organisation as scientific program chair for the Royal Australian and New Zealand College of Ophthalmologist's annual scientific meeting 2009–12 and Co-chair the 2017 Asia-ARVO scientific meeting. I have journal editorial experience as Paediatric Ophthalmology section editor of 'Clinical and Experimental Ophthalmology' 1997 to 2008 and currently paediatric ophthalmology Section Editor Asia Pacific Journal of Ophthalmology.

ISCEV has provided a rich network of enthusiastic mentors, friends and colleagues who have greatly encouraged and contributed to the development of the visual electrophysiology service that I am privileged to lead in Sydney. Visual electrophysiology has become an integral component of all our retinal units as well as the place to go for diagnostic dilemmas. This reputation has brought electrophysiology into the mainstream clinical care pathways including regular teaching and clinical case sessions.

The ISCEV member board member at large if elected would provide an opportunity to give back to the organisation and assist in leading the organisation as we manage the increasing requirements in the genomic era.

Candidate statement Member-at-large Kaoru Fujinami

It is my great pleasure and honour to be considered as a candidate. Since the 41st ISCEV Symposium in Nagoya in 2003, I have given a total of 56 oral presentations, including 15 presentations as first author, at various symposia. My career as an ophthalmologist has been greatly enriched through my association with ISCEV. I would therefore like to thank the wonderful members of ISCEV from whom I have learnt so much.



I am currently a Consultant Ophthalmic Surgeon and Consultant Clinical Geneticist at the National Hospital Organization Tokyo Medical Center (NHO-TMC), Tokyo Japan. I also serve as Head of Laboratory/teams of Visual Physiology/Ophthalmic Genetics/Gene Therapies/Artificial Intelligence at the National Institute of Sensory Organs (NISO) affiliated with NHO-TMC (fujinamik.com). NISO, developed by Prof. Yozo Miyake, is currently an international leader in electrophysiological and genetic studies in Japan and East Asia. I am currently serving as a board member of the Japanese Society of Clinical Electrophysiology and Vision (JSCEV jscev.fujita-hu.ac.jp) and as president of the East Asia Inherited Retinal Disease Society (EAIRDS eairds.org). I am also working for the UCL Institute of Ophthalmology (UCL IoO) associated with Moorfields Eye Hospital (MEH), London, UK, as an honorary professor to conduct international collaborative research.

My areas of special interest include the use of clinical electrophysiology in diagnosis and assessment, particularly in retinal diseases. I have been working on genotype-functional phenotype studies in inherited retinal diseases for over 10 years. Recently, I have been working on the global stage to establish newly developed electrophysiological approaches, including ISCEV extended protocols, focal macular electroretinography, and electricity evoked potential, enable us to the efficacy of advanced treatment methods, such as gene augmentation therapy, gene adding therapy (optogenetics), RNA therapy, and pharmacological agents.

There has recently been a dramatic increase in interest in clinical electrophysiological techniques and their use in Asian countries. This interest arises directly from the outreach efforts of ISCEV and other related societies in Asia. If elected as a member-at-large of the ISCEV Board, I will work hard for the ISCEV symposium KYOTO 2022, continue expanding the membership of ISCEV, and encourage new members to use electrophysiological techniques to study the visual system in the areas of clinical diagnosis, treatment assessment, and therapeutic trials.

Current Position

Laboratory Head, Laboratory of Visual Physiology, Division of Vision Research, National Hospital Organization Tokyo Medical Center, Tokyo, Japan.

Committees and Memberships

ISCEV, Japanese Ophthalmological Society, Association for Research in Vision and Ophthalmology, Japanese Society of Human Genetics, Board member: JSCEV, Japan Eye Genetics Consortium (JEGC), Global Eye Genetics Consortium, EAIRDS (president)

Selected Publications (100 English publications in the last 10 years)

1. Fujinami K, Oishi A; JEGC. Clinical and genetic characteristics of ten Japanese patients with PROM1-associated retinal disorder: a report of the phenotype spectrum and a literature review in the Japanese population. *Am J Med Genet C Semin Med Genet* 2020. In press
2. Fujinami K, Liu X; JEGC. RP2-associated retinal disorder in a Japanese cohort: report of novel variants and a literature review, identifying a genotype-phenotype association. *Am J Med Genet C Semin Med Genet* 2020. In press
3. Fujinami K, Yang L, Joo K, et al. EAIRDS. Clinical and Genetic Characteristics of East Asian Patients with Occult Macular Dystrophy (Miyake Disease): East Asia Occult Macular Dystrophy Studies Report Number 1. *Ophthalmology*. 2019;126(10):1432-1444
4. Fujinami K, Kameya S, et al. JEGC. Novel RP1L1 Variants and Genotype-Photoreceptor Microstructural Phenotype Associations in Cohort of Japanese Patients With Occult Macular Dystrophy. *Invest Ophthalmol Vis Sci*. 2016;57(11):4837-46
5. Fujinami K et al. ProgStar. Detailed genetic characteristics of an international large cohort of patients with Stargardt disease: ProgStar study report 8. *Br J Ophthalmol*. 2019;103(3):390-397
6. Thompson DA, Fujinami K, Perlman I, et al. ISCEV extended protocol for the dark-adapted red flash ERG. *Doc Ophthalmol*. 2018;136(3):191-197
7. Fujinami K, et al. Clinical and molecular characteristics of childhood-onset Stargardt disease. *Ophthalmology*. 2015;122(2):326-34
8. Fujinami K, et al. The clinical effect of homozygous ABCA4 alleles in 18 patients. *Ophthalmology*. 2013;120(11):2324-31
9. Fujinami K, et al. A longitudinal study of stargardt disease: clinical and electrophysiologic assessment, progression, and genotype correlations. *Am J Ophthalmol*. 2013;155(6):1075-1088.e13
10. Fujinami K, et al. Oguchi disease with unusual findings associated with a heterozygous mutation in the SAG gene. *Arch Ophthalmol*. 2011;129(10):1375-6

2023 Symposium Invitation to Canada



Eastern Canada ISCEV members are honored to invite you to the stunning Fairmont Le Château Montebello in historical Montebello, Quebec in the Outaouais region for the 61st ISCEV Symposium. While we were just about set to welcome everyone to les îles de la Madeleine in 2020, COVID-19 sadly had other plans for us. We would have absolutely loved to host everyone at the same location in 2023, but given these uncertain times, travelling to remote areas may represent a greater challenge for future Symposia. With this in mind, we sincerely hope to have the opportunity to welcome you face-to-face once again in 2023!

<https://www.youtube.com/watch?v=lrGuk6qbRxo>.

We have opted for a fall meeting, as the changing of the leaves is absolutely beautiful, and the weather is still extremely pleasant. Given that the summer rush will be behind us, we will be able to take over, in its entirety, the historical **Fairmont Le Château Montebello** (<https://www.fairmont.com/montebello>) for most of our scientific and social activities.

The Fairmont Le Château Montebello is known for their outstanding gastronomy, indoor and outdoor pools, private marina and golf course. We have negotiated an extremely competitive rate per day including both accommodations and all 3 meals which will total roughly U\$300.00 for a standard room and U\$350.00 per day for a deluxe room and will include a vast variety of local specialties and seasonally inspired menus.



FLYING THERE: The Fairmont Le Château Montebello is located roughly an hour and 15 minutes from Montreal and 45 minutes from Ottawa, both of which have international airports. The latter will significantly facilitate travel arrangements irrespective of where you will be joining us from!

REGISTRATION FEES: The registration fees should be in the range of that paid for recent ISCEV meetings (roughly U\$650.00 for full ISCEV members and U\$500.00 for YSCEV). Please note that we will not make use of a meeting organizer and that registration fees will be put directly towards activities that attendees will benefit from (social events, entertainment, special meals + drinks, cocktails, welcome and farewell receptions, bus trips, gifts, including thematic evenings and soirées along the river).

MEETING ROOMS and ISCEV COURSES: There are an abundance of meeting rooms onsite at the Fairmont Le Château Montebello, all of which will be at our disposal throughout the entire symposium. Our goal is to remain onsite for both the theory and practical aspects of the ISCEV courses as well. Alternatively, we could explore the possibility of using laboratories at the nearby University if necessary.



While COVID-19 had other plans for us in 2020, we sincerely hope to have the opportunity once again to show you our Canadian know-how live in 2023!!

The ISCEV 2023 Canadian team: Allison L. Dorfman, Anna Polosa, Mercedes Gauthier, Julie Racine, Marc Hébert, Pierre Lachapelle, Michelle McKerral, Jacqueline Orquin, Marie Sylvie Roy, Dave St-Amour and François Tremblay.

2023 Symposium Invitation to USA

ISCEV, YOU'RE INVITED TO

MADISON, WISCONSIN, USA

JULY 21-27, 2023

Madison is the capital city of Wisconsin and home of the University of Wisconsin. In addition, several colleges, state and local government and numerous medical and biomedical technology firms support a vibrant progressive cultural scene with an abundance of restaurants, music, theater, architectural and recreational opportunities. Madison's natural splendor is on display with 15,000 acres of lakes and more parks per capita than anywhere else in America. Miles of biking and walkable streets make Madison simple to navigate.



MONONA TERRACE, DOWNTOWN MADISON

The Monona Terrace Convention Center consistently delivers on its mission to be a globally recognized facility of distinction, offering endless possibilities and extraordinary service. It is situated along the shimmering shores of Lake Monona, just a block from Capitol Square in the heart of the isthmus. The adjacent Hilton Hotel boasts all the amenities one would expect, just steps from it all.

The University of Wisconsin campus is also nestled in downtown Madison along lake Mendota. Lab and campus tours will be scheduled for ISCEV access. Campus also offers two lively student union facilities with full dining and lodging options.

MADISON IS AN EASILY ACCESSIBLE TREASURE

- Peruse America's largest producer-only farmers' market and sample fresh farm-to-table fare. Supper clubs, food carts, nationally-renowned chefs all await you
- Madison's regional airport (MSN) now features over 24 direct flights anywhere from New York to San Francisco, and is only a 30-minute connection from Chicago's O'Hare International Airport
- Additional transport options include:
 - Regional bus from Chicago or Milwaukee
 - Amtrak train (Columbus Station)
 - Taxis, Uber and Lyft services readily available
 - B-Cycle e-bicycle rentals by Trek Bicycle
- One of only five platinum-level bike cities in the US, and is named one of the best biking cities on earth
- Home to over 260 parks, 6,000 acres of parkland, and 200+ miles of off-road and multi-use paths and trails
- 15,000 acres of lakes to enjoy sailing, canoeing, kayaking, fishing, swimming, and paddleboarding
- Madison is home to the World Dairy Expo - one of the largest trade shows in the world, in addition to the World Stem Cell Summit, International Herpesvirus Conference, Health Physics Society and more

ORGANIZERS: Drs. T. Michael Nork, Bikash Pattnaik, Jim Ver Hoeve and team

ESTIMATED REGISTRATION COSTS: \$600/attendee, \$500/guest

