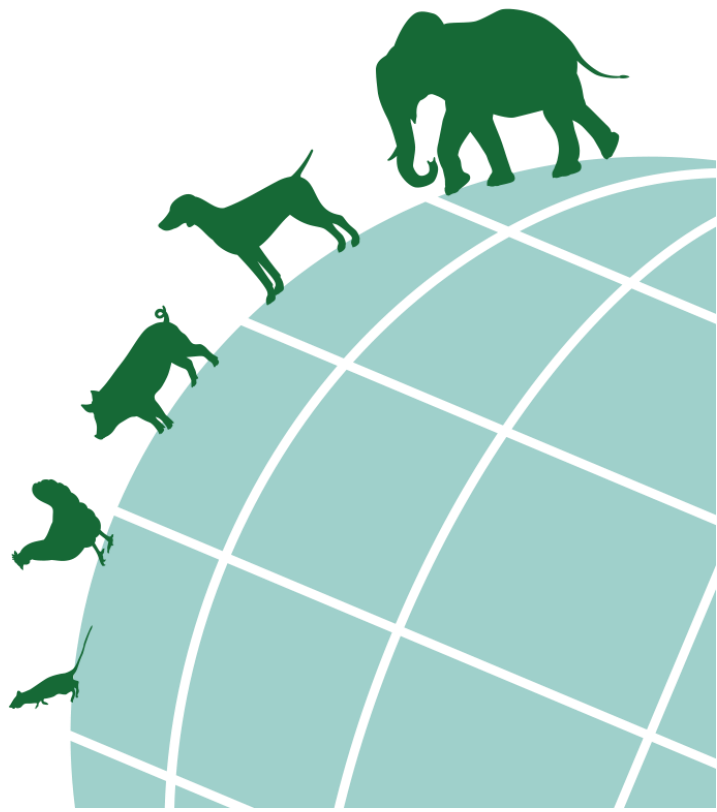




International  
Society for  
**Applied  
Ethology**

# Newsletter

Issue 52 • 2018 June



## Contents

<b>President’s Piece .....</b>	<b>2</b>
<b>Updates from your ISAE Council .....</b>	<b>3</b>
Council Position Vacancies .....	3
ISAE Award Nominations and AALAC Representation .....	4
ISAE Communications.....	4
Editors’ Report .....	5
Education.....	6
Student Representatives.....	7
Development .....	8
Membership .....	8
Treasurer’s Report.....	10
<b>ISAE Congress News .....</b>	<b>11</b>
52nd Congress – Prince Edward Island, Canada, 30 July to 3 August 2018.....	11
Future Congresses.....	15
<b>ISAE Regional News and Development .....</b>	<b>15</b>
Development .....	15
Regional Updates .....	17
<b>Other News .....</b>	<b>20</b>
Equality and Diversity in the ISAE.....	20
ISAE as a Charitable Organisation.....	22
ISAE Collaborations with the OIE .....	23
EU Platform for Animal Welfare.....	24
Bringing the Science of Farm Animal Welfare to Developing Countries.....	25
Animal Welfare Judging and Assessment Contest.....	26
Remembering Glen McBride and Frank Hurnik .....	26
<b>Employment and Education Opportunities.....</b>	<b>27</b>
<b>Contact Information .....</b>	<b>28</b>
Council Members .....	28
Regional Secretaries and Student Representatives .....	29

## President's Piece

Dear ISAE members,

When you read this Newsletter, summer will be upon us in the Northern hemisphere and winter in the Southern hemisphere. While I am writing this, it is 27°C and very sunny in The Netherlands, which is not something a Dutchman is used to – so if I stop making sense in my contribution, please forgive me. Half a year has passed since our last Newsletter and quite a lot has happened since then. As described in detail in the [previous Newsletter](#), the [ISAE became a Scottish Charity](#) on 1 January 2018. At the Annual General Meeting (AGM) during the summer Congress in Canada, we will discuss and vote upon the final changes to the ISAE Constitution that are needed for this process. Again, I would like to thank our Senior Vice-President, Birte Nielsen, for successfully guiding us through this complex process.

We have also seen a surge of activity in the EU with regard to the new [EU Platform on Animal Welfare](#). The Platform has launched two committees, one on animal transport and one on horse welfare and sent out a call for members. We managed to get on board both committees with Mette Herskin (transport) and Janne Winther Christensen (horse welfare) as ISAE experts. The next meeting of the Platform will be in June 2018, which I will attend. Dr. Nielsen also attended the [OIE Animal Welfare Forum](#) that was held in Paris in March 2018. She reports on that meeting in this Newsletter.

Also [ISAE Development](#) is moving forward. Our Development Officer, Rebecca Sommerville, has started discussions of ideas on development with the three new country liaisons. The plans that are the most developed at this point are the plans for India. With ISAE 2020 taking place in Bangalore, India, we are now planning to co-organise a session during the [7th Pan Commonwealth Veterinary Conference](#) in March 2019. This will allow us to present ISAE and applied animal behaviour and welfare research to a large host of veterinarians and veterinary scientists from the region (and from all over the world). Also, after a several-year break, a [regional meeting](#) is planned in the East Central Europe region in June in Poland. I hope that this meeting will be the start of renewed development of ISAE activity in that region! One very exciting step in ISAE Development is the funding from [Open Philanthropy Project](#) (OPP) to support us in bringing people from developing countries to the Congress, but also to support regional activities. A big thank you to Jeremy Marchant-Forde and Rebecca Sommerville for making this happen, and of course to OPP for their generous support.

I very much look forward to meeting many of you during our annual [International Congress](#) on Prince Edward Island (PEI) in Canada. Fantastic scenery and fantastic science, no doubt. If you cannot join the International Congress, try to attend one of the ISAE [regional meetings](#), which will be very valuable as well. Finally, I would like to draw your attention to the fact that we are seeking several new [Council Officers](#) this year: the positions of Membership Secretary, Procedural Advisor and Ethics Officer (normally chosen from the ISAE Ethics Committee, which is also seeking new members) are open for applications. Please contact the current Officers for any information on their positions and the ISAE Secretary, Marisa Erasmus ([merasmus@purdue.edu](mailto:merasmus@purdue.edu)) for information on how to apply. Elections will take place during the AGM at the Congress on PEI.

**T. Bas Rodenburg** / *President of the ISAE (2017-2019)*

## Updates from your ISAE Council

### Council Position Vacancies

Dear ISAE Members,

Have you been thinking of being more involved in the ISAE? Now is your chance! Several ISAE Council Officer positions need to be filled this year:

1. **Membership Secretary** (currently Priya Motupalli; [isaemembership@hotmail.co.uk](mailto:isaemembership@hotmail.co.uk))

Among other duties, the Membership Secretary is responsible for coordinating new ISAE member applications, maintaining the membership database and providing Regional Secretaries with contact information for their new members.

2. **Procedural Advisor** (currently Michael Appleby; [michael.appleby@ed.ac.uk](mailto:michael.appleby@ed.ac.uk))

In brief, the Procedural Advisor reviews the ISAE guidelines, advises on amendments to the constitution and ensures that ISAE meetings are conducted as stated in the ISAE Constitution and guidelines.

3. Ethics Committee Positions: **Ethics Officer** (currently Anna Olsson; [olsson@ibmc.up.pt](mailto:olsson@ibmc.up.pt)) and two **Ethics Committee Members** (current Ethics Committee Members include Francesco De Giorgio, Francois Martin, Cecilie Mejdell, Franck Peron, Elize van Vollenhoven and Alexandra Whittaker).

The Ethics Committee is seeking an Ethics Officer as well as two Ethics Committee Members this year. The Ethics Officer serves as Chair of the ISAE Ethics Committee and consults and advises the ISAE Council during meetings. The Ethics Committee's duties include reviewing the ISAE [Ethical Guidelines](#) and advising the Local Congress Organising Committee about the reviews of Congress abstracts, among other duties.

4. The **Education Officer's** (currently Michael Toscano; [Michael.Toscano@vetsuisse.unibe.ch](mailto:Michael.Toscano@vetsuisse.unibe.ch)) term is also concluding. With the changes in the use and availability of online materials and the challenges associated with storing educational materials, the Education Officer Position not be filled this year, but the duties will be distributed among other Council Members.

Serving on the ISAE Council is a highly rewarding experience and enables you to actively participate in our Society. To learn more about the positions above, please consult the ISAE [Procedural Guidelines](#) or contact the current Council Officer directly.

If you are interested in applying, please send me ([merasmus@purdue.edu](mailto:merasmus@purdue.edu)) 1) a paragraph outlining your interest in the position and relevant skills, and 2) your 2 page CV no later than **Friday, 13 July**.

**Marisa Erasmus / Secretary of the ISAE**

## ISAE Award Nominations and AALAC Representation

During the winter Council meeting, it was decided that the Assistant Secretary would establish and maintain a register with the Council's current and future Officer requirement. The Council positions that will have to be filled the summer are [described above](#).

From the end of April to June 1st, we have accepted nominations for this year's **awards**. We have our judging committees set up and ready to pick a deserving winner. I would especially like to thank Christy and Jennifer who have been doing a great job promoting the awards on social media and email. Despite our very best efforts to promote the awards, I still feel like not enough people are taking advantage of this great opportunity. I would welcome any suggestions that Council or members might have in promoting the awards in the future.

Earlier this year, Dr. Brianna Gaskill was reappointed to serve a second term as the ISAE representative for **AAALAC**. Thanks to Brianna for volunteering to continue this service.

*Fiona Lang / Assistant Secretary of the ISAE*

## ISAE Communications

### Website

The website was re-launched with a new, more modern interface, logo, and colour palette nearly a year ago. According to metrics from our website hosts (Intergage), the site now gets on average nearly 20,000 views per month (and higher during the membership renewal period), although I am investigating the accuracy of this impressive figure. Aside from the main landing page, the most popular page to visit is [Employment and Education](#), which consistently accounts for over 20% of the total views. This demonstrates the potentially large global reach of this page, so if you have a job or graduate student opportunity to advertise, please consider sharing it with the ISAE ([info@applied-ethology.org](mailto:info@applied-ethology.org)).

Each week, we also update the website to feature [news items](#), [non-ISAE events](#), requests for [international collaborations](#) or [student internships](#), [regional updates](#), photos and videos from regional meetings (in the [members-only section](#), which requires a login), and [papers](#) published by ISAE members. We have a permanent section for open-access papers, as well as a rotating list of papers with temporary free access. Elsevier has been sending me a monthly list of author sharelinks for papers published in *Applied Animal Behaviour Science*, the official journal of the ISAE, and I have been automatically posting those authored by ISAE members.

Now that the major website overhaul project is behind us and our social media has had time to mature, we are looking toward developing a more focused communications strategy. Council will be discussing this concept, and we also welcome feedback from members on the direction and objectives for our communications going forward, both in terms of serving the current membership and attracting new members ([info@applied-ethology.org](mailto:info@applied-ethology.org)).

*Jennifer Van Os / Communications Officer of the ISAE*

## Social Media

Our most engaging content in social media continues to be sharing member **papers**, followed closely by **employment opportunities**. Thanks to everyone who shared the links to their science – it does wonders to promote ethology and our community. Keep those links coming!

In December we reported that our goal for social media was to continue our audience growth and increase the consistency of promoting the Society. In the first half of 2018 we had a 30 and 40% growth in followers on Facebook and Twitter, respectively. While slightly down from the growth rate we reported for the second half of 2017, it is still excellent to see double digit growth almost two years after we started our accounts. Compared to the last half of 2017, we increased the volume of content and it was more evenly distributed across promoting jobs, papers, events, and awareness of events or deadlines. Following the increase in audience size and amount of content, there was indication that more people are seeing and interacting with our content.

Overall it appears that our social media activity is contributing to the advancement of ethology, education, and animal welfare. Please continue to reach out to us with content we can share, or for help promoting your ethology activities.

I would also like to thank **Megan LaFollette** for covering social media posts for a few months in early 2018 while I was on personal leave. She did a great job and provided a seamless transition for our audiences. Thanks Megan!

**Facebook:** [www.facebook.com/appliedethology](http://www.facebook.com/appliedethology)

**Twitter:** [@appliedethology](https://twitter.com/appliedethology)

**LinkedIn:** [www.linkedin.com/groups/8561819](http://www.linkedin.com/groups/8561819)

*Christy Goldhawk / Assistant Communications Officer of the ISAE*

## Editors' Report

Hello from the desk of the ISAE Editors!

### Articles from the ISAE 2016 Special Issue of AABS Available Online

The ISAE 2016 Special Issue in *Applied Animal Behaviour Science* (AABS) that was based on 50th Congress of the ISAE, themed 'Tinbergen's 5 Questions,' is nearly complete with a total of seven articles. Six accepted articles are currently available online, and the remaining article has just been accepted and is in preparation for publication.

The number of articles received for this special issue, which followed the 50th Congress of the ISAE, was disappointingly low. However, this may be a reflection of the fact that many of the keynote and plenary speakers were presenting big-picture reviews in order to showcase the history of the ISAE or describe overarching themes. In some cases, these reviews or the scientific work making up the body of the talks had been published previously and in other cases the authors were already in the process of publishing elsewhere. As guest editors, we did beat the

bushes as much as possible. To alleviate this problem in 2017, we began asking plenary and keynote speakers to submit their papers following the acceptance of their abstracts. We also began contacting other potential authors at or immediately after the Congress, and these strategies seem to have paid off!

### The ISAE 2017 Special Issue of AABS is Nearing Completion

The Special Issue of AABS that was based on the ISAE Congress of 2017, themed 'Understanding Animal Behaviour' is coming along well and will be a healthier size. Four papers have already been accepted and are available online. Topics covered so far include the facial expression of harbour seal pups, dietary diversity for piglets, a survey on how US pig farmers manage pig aggression, and a review about the importance of taking into account animals' sensory abilities. An additional three manuscripts have recently been accepted and are in the process of being prepared for publication. A final four manuscripts are under review, which will result in 11 total manuscripts in the 2017 Special Issue.

As an aside, a number of manuscripts that are actually meant for *Applied Animal Behaviour Science* in general and not for a Congress-related special issue have been submitted to the special issues. Please carefully select the correct manuscript type (or issue) option to avoid a delay in the reviewing process. If you do receive a pre-review rejection from AABS with a request to transfer your manuscript to another journal or issue, wrongful submission to a special issue may be the reason so please read the rejection message carefully!

### Invitation to Submit to the ISAE 2018 Special Issue of AABS

If you will be delivering a keynote or plenary talk at the upcoming 2018 ISAE Congress, please consider preparing a manuscript from your talk for the 2018 Special Issue of *Applied Animal Behaviour Science* that will result from the meeting. If you are delivering a standard talk or poster and are interested in contributing to the special issue, we would also like to hear from you!

### Need Help with English in Your Manuscript Preparation?

The Help with English scheme has reviewed seven manuscripts this year thanks to helpful volunteers. You can request your manuscript to be corrected for English when you are ISAE member, regardless of which journal you are submitting the manuscript to. Note that **the contact email address has changed**: please send your requests to [Irene.camerlink@vetmeduni.ac.at](mailto:Irene.camerlink@vetmeduni.ac.at). You can also contact us if you would like to provide assistance as a volunteer in the scheme.

*Janice Siegford / Senior Editor of the ISAE*  
*Irene Camerlink / Junior Editor of the ISAE*

### Education

Following discussion and an e-vote held in April 2018, the Council decided to discontinue the position of Education Officer from August 2018. The decision was partly based on the increased communication via the website and use of online tools, as well as difficulty collecting and storing educational materials. Relevant tasks from the Education Officer will be shifted to the newly created Development Officer, the student officers, and the website manager.

*Michael Toscano / Education Officer of the ISAE*

### *A Word from the President*

I would like to thank Mike Toscano for his work as Education Officer for the past four years. Last year, we had some discussion during the AGM whether the ISAE Council was becoming too large, with the addition of the Development Officer and the Assistant Communications Officer. This made us look critically at our current Council positions and at our current and future tasks as Council. This led to a discussion on the future of the position of Education Officer. One problem we see with the position is that it has rarely worked very well regarding the collection and sharing of educational materials – people seem unwilling to share educational resources or are unresponsive to queries of this kind. Perhaps people would be more willing to contribute if the task would be more focused on helping developing groups or countries establish their curriculum in animal behaviour and welfare, but then it would fit better with the Development Officer. Council decided not to advertise the post of Education Officer this summer, but to redistribute these tasks to other Council members. We propose to not yet remove the position from the Constitution, but to not fill the position this year and see how this works. We could then put a change to the Constitution in place for the 2019 AGM in Norway. Let me stress that this is unrelated to Mike Toscano’s efforts. For now, he will be the last Education Officer of ISAE, and we thank him for his activities over the past years. He is just irreplaceable.

**T. Bas Rodenburg / *President of the ISAE***

### **Student Representatives**

Welcome **Allison Pullin!** Maria Vilain Rørvang’s term as an ISAE Student Representative has come to an end, and we are grateful for her valuable service! In January 2018, Allison Pullin was elected by our student members to a two-year term as an ISAE Student Representative. Allison is currently a PhD student in the Animal Behavior Graduate Group at University of California, Davis, USA, studying laying hen behaviour and welfare.

### **2018 International Congress Events**

We have [3 exciting events](#) planned for established faculty/scientists and students in Prince Edward Island. On Monday during the welcoming reception (1900 to 2030), we will have a student section. Come meet other students in ISAE and learn helpful networking tips for professional development!

<b>Monday</b>	<b>Tues.</b>	<b>Wed.</b>	<b>Thursday</b>	<b>Friday</b>
<b>Welcome Reception</b> Student only section! 1900-2030			<b>Eating w/ Ethologists</b> All are welcome! 1300-1430  <i>Advance sign-up required (see below)</i>	<b>Lunch Discussions</b> All are welcome! 1300-1430

**2018 ISAE congress events hosted by the student representatives**

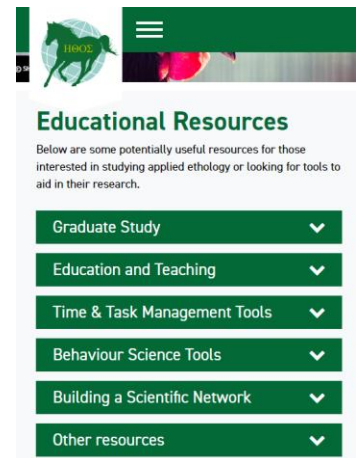


On Thursday during lunch (1300 to 1430 h) we will once again connect students and established researchers with similar interests in our **Eating with Ethologists** event. Faculty, scientists, and post-docs, [please sign-up](#) (if you have not already) to spend the lunch hour with students who are interested in connecting with you. Everyone in the post-doc phase and beyond is invited! Students, stay tuned for an email to choose your top researchers to connect with over lunch. Don't be shy or feel intimidated, this is *not* an interview or a proposal review session. This is a casual lunch to connect researchers and students with similar interests.

On Friday during lunch (1300 to 1430 h), we will connect all interested conference attendees via table discussion topics. Topics may include professional development tips, connections with industry, or general themes related to applied ethology (e.g. pain, technology, individual differences, etc.) The table topics will serve as a relaxed setting to connect with attendees of similar interests.

### Student Resources

Did you know that we have an [educational resources section on the ISAE website](#)? Your student representatives have added information to this page including time & task management tools, podcasts about teaching & research, and relevant blogs. Check it out to learn more!



**Megan LaFollette and Allison Pullin** / *Student Representatives of the ISAE*

### Development

Thanks to the combined effort of members, Regional Secretaries, and Council members, the presence of ISAE is steadily increasing in countries beyond Western Europe and North America where it originated. We are particularly keen to promote our presence in developing countries and are delighted that there are now members in many new countries. Please see the [Regional News and Development](#) section of this newsletter for more detailed updates.

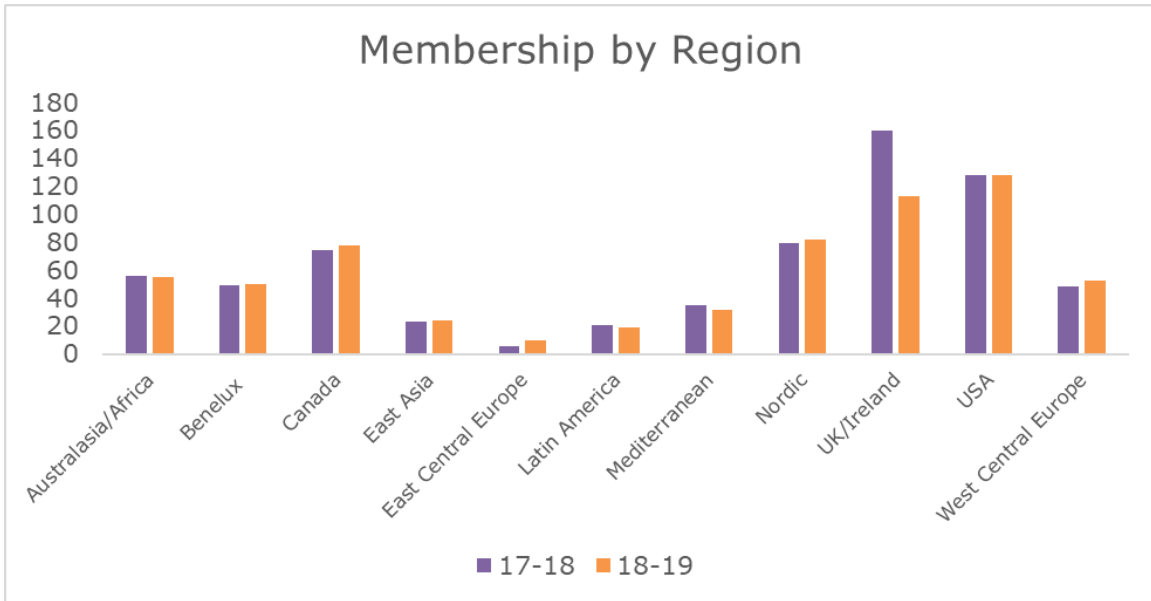
**Rebecca Sommerville** / *Development Officer of the ISAE*

### Membership

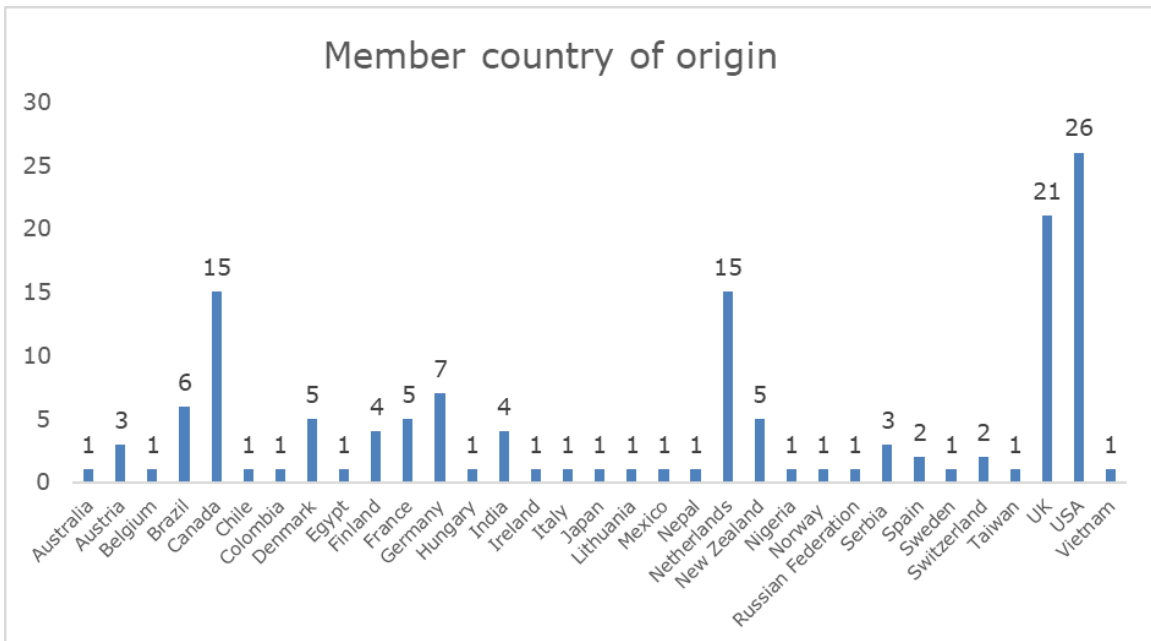
The 2018-19 membership renewal period has just come to a close. Of 645 members, 425 have renewed this year, and renewals typically trickle in for another month or so after the season is over. This year, we introduced the option to pay for three years in addition to the standard one-year membership. Out of the first 368 members to renew this year, 78 had chosen this option. At this time, there are still a number of bank transfers to confirm. **If you pay via bank transfer, please remember to label the payment with your name — we have a number of payments that we cannot currently match to a person or institution!**

As we are still confirming renewals, I will not remove from the database the 220 members yet to pay until the end of August. Please renew if you haven't yet, and if you are having trouble please get in touch! ([isaembership@hotmail.co.uk](mailto:isaembership@hotmail.co.uk)).

Total membership by region is shown below, and it remains similar to the 2017-18 season aside from a drop in the UK/Ireland region:



We began capturing country of origin information this year, and 141 members have provided their country of origin. A breakdown is provided below:



My four-year term as Membership Secretary is up this year ☹️ I have really enjoyed serving as your Membership Secretary and getting to know all members at least via email! If you are interested in being the Membership Secretary **please apply** by sending a paragraph outlining your interest in the position and your CV (no longer than 2 pages) to our Secretary, **Marisa Erasmus** at [merasmus@purdue.edu](mailto:merasmus@purdue.edu). Applications are due **July 13th**. If you have questions about the position itself, please contact me at [isaemembership@hotmail.co.uk](mailto:isaemembership@hotmail.co.uk).

**Priya Motupalli / Membership Secretary of the ISAE**

## Treasurer's Report

The below report contains the final 2017 annual summary for reference and the 2018 summary for the period **January 1st to May 24th**. Revenue in 2018 has come from Membership subscriptions. The largest outgoing expense was to Intergage for membership services, with other expenses being bank charges and charges to SAGEPay for our online payment services.

Whilst the accounts look healthy as of end of May 2018, we expect to have a number of outgoing expenses over the next coming months to support the annual conference. This includes payments from the Conference Attendance Fund (CAF) and support for student council representatives. The Council agreed to a CAF of £3500. After review of the applicants it was agreed that the fund was increased to £4530 to support successful applicants.

### Statement of Revenue and Expenses (in GBP, £)

	Year end Dec 31, 2017	Jan 1 to May 24, 2018
<b>Revenue</b>		
AAALAC returns	0	0
Congress Profit	0	0
Ethology Book Sponsorship	0	0
Membership Subscriptions	19,278.45	14,244.54
Net Interest	11.79	6.88
Payment Returns	292.84	0
Returns from Regions	0	0
Scholarship Funds from Sponsors	0	0
Transfers In	15,000.00	0
<b>Total Revenue</b>	<b>34,583.08</b>	<b>14,251.42</b>

### Expenses

AAALAC	0	0
Bank Charges	1,330.85	396.76
Conference Attendance Award	0	0
Conference Attendance Fund	4,572.34	0
Council Member Costs	861.23	0
Elsevier AABS	3,382.07	0
Ethology Book Paid	0	0

Membership Services - Intergage	13,624.78	804.00
Regional Payments	0	0
SAGEPay	300.00	162.00
Scholarship Funds Awarded	0	0
Subscription Returns	0	50.00
Transfers Out	15,000.00	0
Wageningen Press	9,455.24	0
<b>Total Expenses</b>	<b>48,526.51</b>	<b>1,412.76</b>
<b>Excess of Revenue Over Expenses</b>	<b>-13,943.43</b>	12,838.66
<b>Beginning Fund Balances</b>	50,522.47	36,859.89
<b>Ending Fund Balances</b>	36,579.04	49,698.55

### Banking Issues

There continue to be challenges with the logistics of the Treasurer position mainly because of the difficulties encountered with HSBC when transferring responsibilities between Treasurer tenures. The communication issues with HSBC have led to discussions about changing banks. In addition, with ISAE gaining charitable status, it has been queried whether we should look at ethical banking options. Research into banking options is ongoing and a review of options will be presented to Council at the annual meeting in July.

It has been reported that some members have had trouble using Visa and Maestro card options on the website. It is not clear if this is an issue with the website or with HSBC. Krista said this has happened in the past for some members but not all. Members having difficulty can pay directly into the bank account and details can be given upon request.

*Emma Baxter / Treasurer of the ISAE*

## ISAE Congress News

52nd Congress – Prince Edward Island, Canada, 30 July to 3 August 2018



Preparations are well underway for this year's ISAE Congress, which will be held at the University of Prince Edward Island in Charlottetown, Prince Edward Island, Canada from Monday the 30th

of July to Friday the 3rd of August 2018. The theme for this year's Congress is '*Ethology for health and welfare*,' and it looks set to be another cracking Congress! As the Early Bird deadline passed, already 258 people had registered for the conference (and this does not include members of the organising committee and the student volunteers). Over 200 abstracts will be presented, and the programme can now be found on the [Congress website](#).

This year's Wood-Gush memorial lecture will be given by Professor Stevan Harnad. He has worked extensively on animal sentience, and the title of his lecture will be 'The other-minds problem in other species.' On the Tuesday afternoon, we will be treated to a talk by Temple Grandin, there will be the Eating with Ethologists event, where students and young scientists can have lunch with researchers in their field, and in the evening, the delegates can witness an animal welfare judging contest.

Excursions this year will take place mid-conference – a return to a tradition which has not been seen for a while. And of course, there will be a fabulous Congress dinner with the opportunity to dance (another great skill of – or at least great enjoyment for – many ethologists).

The ISAE Annual General Meeting (AGM) will be held on Thursday the 2nd of August at 16:30 h local time. This is one of the few opportunities when members of the ISAE have the chance to ask questions in person to the ISAE Council, and generally engage in a live discussion about the running and state of our Society. There is a 45-minute block scheduled for this meeting at this year's Congress, and as the graph shows, we may be a little pushed to fit it in if the trend is followed. However, we are getting more efficient at running these meetings, and if the prediction holds, it should only take 5 minutes in 2031...

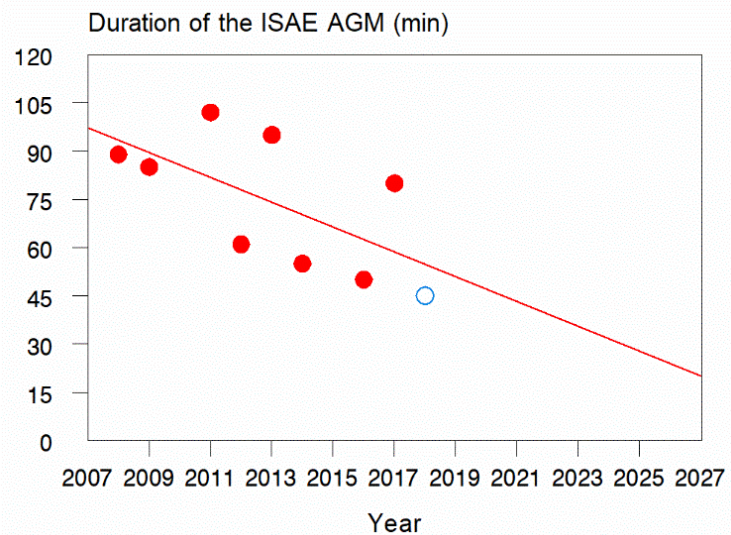


Figure 1. How **not** to use a trend line! The duration (min) of the ISAE Annual General Meeting (AGM) over the years. The blue circle indicates the allotted time at this year's Congress on PEI.

If you attend this year's Congress, please take this opportunity to take part in the life of the ISAE. We have important items on the agenda, not least elections to several [Council Officer posts](#), and some minor changes to the Constitution. Come and cast your votes! There will also be jokes.

As the Council member responsible for liaising with the Congress organisers, I look forward to seeing as many of you as possible in week 31 on Prince Edward Island!

**Birte L. Nielsen** / *Senior Vice-President of the ISAE*

### Calling all Faculty / Post-Docs / Scientists attending ISAE 2018

Please [sign up](#) by **June 22** to participate in the **Eating with Ethologists** lunch that pairs experienced ethologists and students with similar interests.

**Megan LaFollette and Allison Pullin** / *Student Representatives of the ISAE*

### Ethics Review of Abstracts

Since last summer, the ISAE Ethics Committee has performed the habitual review of abstracts for the annual Congress.

The review of abstracts for the Congress worked well, as has been the experience with no exception for quite a few years already, with good communication between the Congress organisers and the Ethics Committee. Seventeen abstracts were forwarded for ethics review. Since the Ethics Officer was senior author of one of them, this was sent to Senior Vice-President Birte Nielsen and Procedural Advisor Mike Appleby for review. The remaining 16 abstracts were reviewed by the Ethics Committee, which settled on the following outcomes:

Decision	Number of abstracts
Acceptable as is	1
Acceptable with suggested revision	11
Acceptable after revision and a second review	4

The updated ISAE ethics guidelines which were revised during the first half of 2017 have been published on the ISAE website.

**Anna Olsson** / *Ethics Officer of the ISAE*

### Global Development Lunch

Following the success of last year's inaugural Global Development Lunch, we plan to hold the networking lunch again for attendees from Africa, Asia, Latin America, Middle East and Eastern Europe, hosted by Andreia De Paula Vieira (Country Liaison for Brazil). Check the [Congress website](#) for updates.

**Rebecca Sommerville** / *Development Officer of the ISAE*

### Congress Attendance Fund

This year, the ISAE committed £3500 of funding for the Congress Attendance Fund to help support attendance at the 52nd Congress on Prince Edward Island, Canada. The deadline for applications

was the 5th of March 2018, as advertised in the December ISAE Newsletter and subsequent email reminders to all ISAE members, and – as usual – we attracted a large number of high quality applicants. After careful deliberation by the CAF Committee (Birte L Nielsen, chair; Emma Baxter, Michael Toscano and Anna Olsson), the successful applicants were:

Lydiane Aubé, Laval University, Canada  
Maja Bertelsen, Aarhus University, Denmark  
Matteo Chincarini, Università degli studi di Teramo, Italy  
Jamie Dallaire, Stanford University, USA  
Alycia Drwencke, University of California-Davis, USA  
Ines de Freslon Loisel, Universidad Austral de Chile  
Melissa Hempstead, AgResearch, New Zealand  
Gemma Lowe, AgResearch, New Zealand  
Camille Raoult, University of Bern, Switzerland  
Rebecca K. Smith, Purdue University USA

Congratulations to the successful applicants, and we look forward to your presenting your work at the 2018 ISAE Congress!

### Nestlé Purina Sponsorship

This year, Nestlé Purina has kindly sponsored the Congress participation of a number of young researchers working on cat or dog behaviour, as well as Wine and Cheese at one of the poster sessions for this year's ISAE Congress in Canada. The offer was sent out to the corresponding authors of the 22 abstracts submitted on cat and dog behaviour to the Congress, and the following applicants received support:



Amélie Catala, University Rennes 1 – CNRS, France  
Nicolas Dollion, University of Montréal, Canada  
Hannah Flint, Purdue University, USA  
Conor Goold, University of Leeds, UK  
Katherine E Littlewood, Massey University, New Zealand  
Carly Moody, University of Guelph, Canada  
Jack S O'Sullivan, Newcastle University, UK  
Anastasia Stellato, University of Guelph, Canada

We are grateful for the continued support from Nestlé Purina to help young scientists travel to the ISAE Congresses.

**Birte L. Nielsen** / *Senior Vice-President of the ISAE*

## Future Congresses

- 2019: 53rd Congress to be held in Bergen, Norway, 5-9 August
- 2020: 54th Congress to be held in Bangalore, India, July/August
- 2021: 55th Congress... This could be in your country!
- 2022: 56th Congress... This could be in your country!
- 2023: (you get the drift...)

We are accepting bids to host the annual ISAE Congress from 2021 onwards. As tradition and the above list indicates, the Congress in uneven years is preferably held within Europe, whereas in even years, the Congress should take place in one of our 6 non-European regions (but nothing is fixed in stone). In order to promote our Society in regions where we have only few members, we would be particularly interested in bids from East Europe.

Please do not hesitate to contact me for details, even if you are not absolutely certain – we are interested only in helping you decide.

*Birte L. Nielsen / Senior Vice-President of the ISAE*

## ISAE Regional News and Development

### Development

#### In Brazil...

Are you involved in animal behaviour or welfare in Central or South America? The ISAE Latin America meeting is coming soon in Chile! Check out the [website](#).

Our country liaison for Brazil, Andreia De Paula Vieira, has been supporting the Latin American Regional Secretaries to organise the meeting. If you live or work in Brazil and would like to get involved with the regional meeting or to join the ISAE Brazil Whatsapp group, then contact Andreia ([apvieirabr@gmail.com](mailto:apvieirabr@gmail.com)).

#### In India...

With several members now in India, plans are underway for meetings and activities to raise awareness of the Society in the lead up to the Congress. These are being supported by The [Jeanne Marchig International Centre for Animal Welfare Education](#) and The Open Philanthropy Project.

Upcoming events:

- December 2018, Delhi. A meeting for Indian ISAE members and students or professionals interested in applied ethology. Stay tuned for more information.
- 3-7 March 2019 Bangalore. Pan Commonwealth Veterinary Conference of the Commonwealth Veterinary Association. A full day session has been allocated to Animal Welfare which is designated as an ISAE theme.
- Bangalore 4-7th August 2020 ISAE 54th Congress.



## In Serbia...

Since June 2017, when I became Serbian country liaison for International Society for Applied Ethology, my activities were mainly focused on the increase of number of ISAE members, and on the promotion of applied ethology, both to the colleagues who work with domestic animals, as well as to students, and at agriculture high school.

There are five ISAE members in Serbia, including myself, which is a big increase – since last year there was no active members. I have used each congress or meeting in the country and region to promote ISAE. Most of the activities were related to the COST action “Identifying causes and solutions of keel bone damages in laying hens”, which I presented, and used the opportunity to present ISAE as well.

Within the COST action 15224 “Identifying causes and solutions of keel bone damage in laying hens”, at the Faculty of Agriculture Department of Animal Science, Novi Sad, Serbia, my colleague Vida Rezar from Slovenia was a guest for three months, in a Short Term Scientific Mission. We visited egg producers and taught farmers about animal behaviour, and why it is important to distinguish natural behaviour from pathological behaviours.



I have also translated the IASE promotion poster and spread it to students and colleagues at seminars and lectures.



I have prepared myself for the East Central Europe and West Central Europe regions meeting of the ISAE in Poland, where I will have an oral presentation subjected “The effect of age and season on the behaviour of autochthonous Banat naked neck chicken.” I am looking forward to the upcoming symposium. I believe that it is a great opportunity to get to know farm animal behaviour scientists, and talk about future cooperation, student exchange, research and ways for applying for new projects, funded by European Union.

**Mirjana Đukić-Stojčić** / *Country Liaison for Serbia*  
[mirjana.djukicstojcic@stocarstvo.edu.rs](mailto:mirjana.djukicstojcic@stocarstvo.edu.rs)

If you would like to know more about the role of a Country Liaison or are interested in becoming one on behalf of ISAE for your country, please get in touch: [isaedevelopment@outlook.com](mailto:isaedevelopment@outlook.com).

**Rebecca Sommerville** / *Development Officer of the ISAE*

## Regional Updates

Since the last newsletter in December, the list of Regional Secretaries (RS) got longer: The search for a second RS in the Mediterranean region was successful! Daniela Alberghini joined Emma Fabrega in her work for the region and will take over after a while. You can find a short introduction of Daniela below. Good luck with your work for ISAE in your region. No further changes in RS took place in the last year. Below are updates from some of the regions.

**Susanne Waiblinger** / *Junior Vice-President of the ISAE*

### Australasia-Africa

Following our successful regional meeting in November of last year we have tentative plans to hold another meeting early in 2019. In the meantime, we, along with other members of the ISAE, have been busy helping to organise the UFAW 2018 '[Animal Welfare across Borders](#)' conference. This two-day meeting endeavours to increase our knowledge of the different ways animal welfare is understood and addressed around the world. The aim is to develop ideas for local animal welfare initiatives, supported by local science projects, in order to progress animal welfare at a global level, while taking cultural and environmental differences and constraints into consideration. In addition, the meeting will attempt to highlight lessons that could be learned by developing and developed countries alike. It will be held in Hong Kong on October 25 and 26, 2018, and we'd love to see as many of you as possible. Abstract submission closes on June 30, 2018 so you still have time to submit!

We have yet to decide on the location for the 2019 regional meeting so if any of our members are keen to host please let us know as soon as you are able. Additionally, we'd like to welcome our new regional members to the ISAE and hope that as many of you as possible can attend the 52nd Congress of the ISAE in Prince Edward Island, Canada.

As always, we are interested in any regional news, opportunities, ISAE member movements, great photos or new research by ISAE members. Please drop us a line (Amanda: [amandakdoughty@gmail.com](mailto:amandakdoughty@gmail.com) / Kris: [kdescovich@unitec.ac.nz](mailto:kdescovich@unitec.ac.nz)). Looking forward to hearing from you!

**Kris Descovich and Amanda Doughty** / *Regional Secretaries for Australasia-Africa*

### Benelux

We have two new activities coming up soon: a regional meeting planned for October, and a PhD course due to take place in February at Wageningen Univeristy with the topic 'Animal emotion.'

**Lisanne Stadig and Laura Webb** / *Regional Secretaries for Benelux*

## East Asia

There are two academic events concerning animal welfare in the East Asia region:

[UFAW conference](#) in Hong Kong on 25 and 26 October 2018, and the title is 'Animal Welfare across Borders.'

The [Asian Australasian Animal Production](#) (AAAP) congress in Kuchung, Malaysia from 1st to 3rd August 2018. Animal welfare is one of the AAAP conference scopes!

*Shigeru Ninomiya / Regional Secretary for East Asia*

## East Central Europe

We have 6 members in 2018.

Main event in 2018 was the [Joint East Central and West Central Europe Regional Meeting](#) which took place in Warsaw, Poland, on June 11-12, 2018. The topic of this meeting was 'Animal preferences and animal welfare.'

As I am on maternity leave, **we are trying to search for a new person** working as a Regional Secretary for ISAE East Central Europe Region.

*Radka Šárová / Regional Secretary for East Central Europe*

## Latin America

**Membership** (May 2018):

Total members: 18 members: 39% Brazil, 33% Chile, 17% Mexico & 11% Colombia

Lost members: 5 (Argentina & Brazil)

New members: 3 (Colombia, Chile & Mexico)

It has been a very busy year on our region before we tell you the updates we would like to thank our members for their trust on our work in the last year and a half, and for their help to promote ISAE in their countries. Here is the updated news on our region.

**Welcome to new members.** The family is expanding so we would like to welcome new members to our region: Ariel Tarazona from Colombia, Karen Mancera from Mexico, Aline Sant'Anna from Brazil.

**Regional Meeting on the way.** The Latin America Regional meeting will be held in Valdivia, Chile between the 4th and 7th of December. We have 16 international speakers confirmed and we are currently receiving abstracts to be presented either as posters during the poster session or as short talks. The regional meeting website was designed in Spanish and in Portuguese, this based on our members' main languages. We would like to thank Andreia De Paula Vieira for their help with Portuguese translation. Please visit our [web page](#) for more information about registration and abstract submission.

This meeting is being organised together with the OIE collaboration centre for animal welfare and we hope that it will provide an environment for future collaborations between researchers from the region.

During the Regional Meeting, we hope to organise a reunion for our members where we can discuss members' needs, regional ISAE future and plan the next regional meeting, among any other things you would like us to talk about.

**Regional Survey.** A survey was designed to gather our members' needs and ideas for our region; with the information gathered we aim to improve the communication with our members and to understand how we could help them from the Regional office.

The survey will be also open to former members and possible new members. We hope that this information will allow us to develop a plan to attract more members in the region.

The survey will be sent out soon, so please keep an eye on your emails for this. Findings will be presented at the Latin American Regional Meeting.

**Professional profiles.** We have been preparing profiles for our members to showcase their interests and why they decided to join ISAE. If this is something you are interested on, please get in touch.

**ISAE promotion material.** ISAE Leaflets and posters in Spanish and Portuguese are ready. We have already sent these to our members, please share them with your colleagues or maybe print them and put them on your work board. If you have not received these, please get in touch.

Finally, a reminder to members to visit and share the updates on our [site](#), here you could also find information about colleagues in the region. Don't forget to get in touch with us if you have any questions or ideas to [isae.latinoamerica@gmail.com](mailto:isae.latinoamerica@gmail.com).

**Giuliana Miguel Pacheco and Tamara Tadich / Regional Secretaries for Latin America**

## **Mediterranean**

The Mediterranean region has 29 members from four countries: 34% Spain, 31% France, 28% Italy and 7% Portugal.

A new Regional Secretary has started in the Mediterranean region, Daniela Alberghina from Department of Veterinary Sciences, University of Messina, Italy. Emma Fàbrega will keep on board for a time. Both Regional Secretaries have discussed on how to make the regional activities more lively. Contacts have been made with Benelux Regional Secretaries to evaluate the possibility of a co-joint meeting or of promoting the PhD Student oriented courses they are running to Mediterranean members.

**Daniela Alberghina:** I'm Assistant Professor of Ethology of Domestic Animals and Animal Welfare at University of Messina, Messina (Italy). My research focuses on management factors that could affect the welfare of animal domestic species and on factors influencing the development of stereotypic behaviours.



**Emma Fàbrega and Daniela Alberghina / Regional Secretaries for Mediterranean**

## UK and Ireland

Prior to the meeting in February we had 103 members in the region, since then membership increased by 6 new members.

A meeting of the UK and Ireland region was held on the 7th February at the Langford Campus of the University of Bristol. The meeting was attended by around 70 delegates and 24 excellent oral presentations (of 5 or 15 min duration) were given. The presentations were video recorded and are available on the members only part of the ISAE website. We are extremely grateful to Jon Day at Cerebrus Digital for providing this service free-of-charge. Congratulations to Melissa Smith and Kate Norman for winning first and second place in the student competition where the standard was exceptionally high. The regional secretaries would like to thank the staff and students at the University of Bristol for their great help in organising the meeting.

*Amy Quinn and Simon Turner / Regional Secretaries for UK and Ireland*

## West Central Europe

Membership in the region increased by 3 new members. Currently there are 48 members in the ISAE WCE Region.

Meeting announcements:

[Joint East and West Europe ISAE Regional Meeting](#): 11–12 June 2018 in Warsaw, Poland  
50th International Congress on Applied Ethology of the German Veterinary Society: 22–24 November 2018 in Freiburg, Germany

For several years now, the ISAE West Central Europe Region and German Veterinary Society (DVG) have included a time slot during which PhD students are offered the opportunity to give short presentations of their projects, introducing the topic and methodology. This format informs scientists of planned and ongoing research projects in their fields and allows students to present and discuss their projects early on. Interested students can still apply for this year's short presentations. For more information, please contact Antonia Patt ([antonia.patt@fli.de](mailto:antonia.patt@fli.de)).

Further, we will have the annual general meeting of the West Central Europe Region during this conference.

*Antonia Patt / Regional Secretary for West Central Europe*

## Other News

### Equality and Diversity in the ISAE

A question currently being debated in the scientific community is why there are not more women giving invited, plenary and keynote talks? These types of presentations are important, not only for your own CV, where they highlight the importance of your scientific subject to potential employers, funders and students. But they also serve to present a role models for

younger scientists, and the more women demonstrate their competence in this manner, the more other women realise that it can be done.

So how are we doing on this issue in the ISAE? Let's have a look at the last two international ISAE Congresses, held in Scotland in 2016 and in Denmark in 2017. Over this period, the total membership of the ISAE has been roughly 600 members, of which 70% are women (*Figure 1*). The data show that both the delegates and the oral presentations at these two Congresses were a reflection of the gender ratio seen in our membership – keeping in mind that not all delegates are ISAE members. However, for the plenary and keynote speakers (which include the Wood-Gush memorial lecture) we did not hit the 70% women mark. But it is not as bad as we could have feared, and the numbers are smaller in this group. Indeed, in both cases the ratio is not significantly different from a 50:50 split.

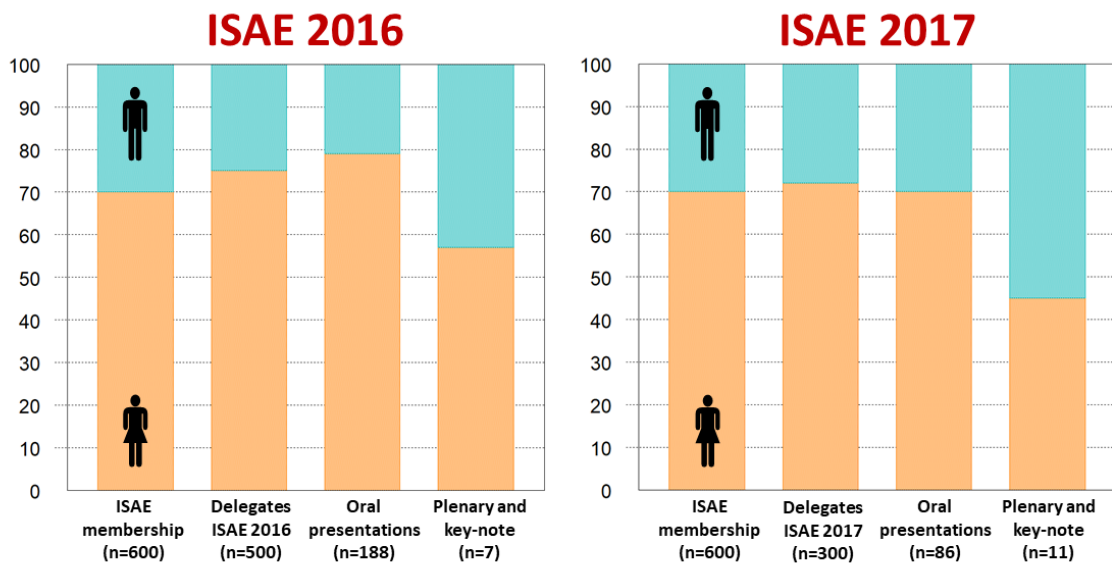


Figure 1. Gender ratios at the most recent two ISAE Congresses.

If, for comparison, we cast an eye on the gender-ratio of the ISAE Presidents, then it may not come as a surprise that since the foundation of our Society 52 years ago, only 1 in 4 of our Presidents has been a woman. This is likely to be a reflection of the membership over time, as the Society started out as the Society for Veterinary Ethology, at a time when many more men than women became vets. Indeed, within the last 25 years, 54% of ISAE Presidents have been women.

Until now, only 6 of the 25 Wood-Gush speakers have been women. However, it is the Wood-Gush Memorial Trust that has the final say, and they do favour 'persons of eminence in their field who would not normally contribute to an ISAE Congress.' This means that Wood-Gush speakers may be chosen from a population where women do not constitute 70%. Nevertheless, we can still encourage more women speakers and, if we look only at the last 10 years, 40% of the Wood-Gush speakers have been women.

In the ISAE, we need not only to promote a fair representation of women among our plenary speakers, but to promote all kinds of diversity within our Society in all its many facets. To this end, the following paragraph on Diversity was added last year to the ISAE Procedural Guidelines:

*The Society recognises the importance of supporting and promoting diversity in its membership and the wider community, in gender, age, ethnicity, geographical representation and other factors. This should be applied in nomination and selection of officers, representatives, lecturers, and recipients of funds, awards and honours.*

We urge our members to take this into account in all ISAE business (and indeed in the rest of your work). The ISAE Council will check that it is being applied, to the benefit of everyone in our Society and the scientific community of applied animal behaviour in general.

**Birte L. Nielsen** / *Senior Vice-President of the ISAE*  
**Michael C. Appleby** / *Procedural Advisor of the ISAE*

## **ISAE as a Charitable Organisation**

In the last Newsletter, I was pleased to announce that the ISAE had been awarded charity status as of 5 December 2017. We are now officially a Scottish Charitable Incorporated Organisation (SCIO). In case you have forgotten, the Scottish bit is because our Society was founded in Edinburgh, and Scotland is therefore our official 'home country,' although we of course are a fully international Society.

Our reasons for wanting to be recognised as a charitable organisation were threefold: 1) to protect the members of Council from being personally liable, should anything untoward happen to the ISAE, 2) to confirm our non-taxable status, and 3) to allow the ISAE to receive tax-free funds from other organisations or individuals.

At the risk of repeating myself from the last Newsletter, I just want to remind you all that we still need to include the following 'non-profit distribution clause' in our constitution:

*'The Society has power to do anything which is calculated to further its purposes or is conducive or incidental to doing so.*

*No part of the income or property of the ISAE may be paid or transferred (directly or indirectly) to the members – either in the course of the Society's existence or on dissolution – except where this is done in direct furtherance of the charitable purposes of the ISAE.'*

In plain English, this means we can spend our money on anything we want, provided it in some way furthers the aims of the ISAE listed in our Constitution. The ISAE Council sees no problems or constraints in this clause. The ISAE Secretary will therefore inform the ISAE membership in an email before the next AGM in August 2018 that the clause above is proposed to be included in our Constitution. If this is not approved by two thirds of the members present at the AGM, we shall have to withdraw our status as an SCIO, but we trust that this is unlikely.

**Birte L. Nielsen** / *Senior Vice-President of the ISAE*

## Improving the Welfare of Farm Animals

The French agricultural research institute (INRA) has published a science and policy document in English, entitled “Improving the welfare of farm animals”. The document contains a new definition of animal welfare, which was developed by the French Agency for Food, Environmental and Occupational Health and Safety (ANSES); and a number of ISAE members took part in this work. The document has been posted under the [Open Access papers](#) section of the ISAE website. For more on the information found in this document, including the French National Reference Centre for Animal Welfare created in 2017, please contact Alain Boissy ([alain.boissy@inra.fr](mailto:alain.boissy@inra.fr)).

## ISAE Collaborations with the OIE

As you may already know, the OIE ([www.oie.int](http://www.oie.int)) is an international organisation with a 90-year history and 180 member countries. Its Global Animal Welfare Strategy was created with the vision of ‘a world where the welfare of animals is respected, promoted and advanced, in ways that complement the pursuit of animal health, human well-being, socio-economic development and environmental sustainability’.

Since March 2017, the ISAE has collaborated with the OIE (see [ISAE Newsletter N° 50, June 2017](#) for details), and the OIE is a corporate member of the ISAE.

The OIE 1st Animal Welfare Global Forum was held in Paris at the end of March, and the [pdf of the full report](#) is available online. ISAE was invited to participate in this meeting. Although it is usually the President who takes on such tasks, Council is of course not spendthrift and instead sent the Council member living closest to the meeting venue.



*Participants of the OIE 1st Animal Welfare Global Forum, 28-29 March 2018, Paris, France (copyright OIE; reprinted with permission).*



The aim of the forum was to discuss ways to support the implementation of the OIE animal welfare standards worldwide. Together with OIE Focal Points (i.e. national OIE representatives) on animal welfare from around the globe (*above*), I spent two days full of great presentations, interesting discussions, and productive working groups. David Fraser gave an excellent overview of the subject, talking about steps toward implementing animal welfare standards and practices (*right*). In particular, he highlighted the need for both the will and creativity to write actual standards, and not just irrefutable statements such as ‘Animals should have adequate access to water’ – something nobody would disagree with. Several other ISAE members also gave talks, including Francisco Galindo, in his capacity as heading one of the four OIE Collaborating Centres on Animal Welfare, and Kate Littin, who is the OIE Focal Point for New Zealand.



*Professor David Fraser talks to the OIE forum, whilst OIE Director General, Monique Eloit, OIE Commissioner Leopoldo Syuardo, and OIE Deputy Director General Matthew Stone listens attentively (copyright OIE; reprinted with permission).*

The current plan is to repeat this Forum on an annual or biennial basis, and the ISAE will continue to play a role in these discussions. Indeed, the emphasis of the OIE animal welfare standards being science-based contributes to the importance of input from members of the ISAE.

**Birte L. Nielsen** / *Senior Vice-President of the ISAE*

## **EU Platform for Animal Welfare**

Last year, ISAE became a member of the new [EU Platform on Animal Welfare](#). The Platform focuses on the following main objectives:

1. Better application of EU rules on animal welfare, through exchanges of information and best practices and the direct involvement of stakeholders,
2. The development and use of voluntary commitments by businesses to further improve animal welfare,
3. The promotion of EU animal welfare standards to valorise the market value of the Union's products at the global level.

This year, two working groups have started, one on animal transport and one on horse welfare. The second working group is a voluntary initiative subgroup, not supported by the EU. ISAE proposed experts for both working groups and we are happy to announce that ISAE has been admitted to both working groups. For animal transport, Dr. Mette Herskin has been accepted as a member. The first meeting took place in May 2018 and focused on transport under extreme temperatures, export of cattle and transport of calves. A next meeting is foreseen in November.

For the working group on horse welfare, Dr. Janne Winther Christensen has been accepted as ISAE expert. The next meeting of the EU Platform itself will be on 21 June 2018. Here, the first results of the working groups on transport and horse welfare will be presented there. Also a proposal on a working group on pig welfare will be discussed. I will attend this meeting on behalf of ISAE.

**T. Bas Rodenburg** / *President of the ISAE*

## **Bringing the Science of Farm Animal Welfare to Developing Countries**

Following on from last year's successful Developing Countries Congress Attendance Fund scheme, Rebecca Sommerville and I, together with input from the ISAE Development sub-committee, submitted a more detailed proposal to the **Open Philanthropy Project** to broaden ISAE's efforts in developing countries. We are delighted to announce that OPP have generously awarded us USD \$135,412 which will fund our activities in farm animal welfare over the next 2 years and we are extremely grateful for the opportunities that this award will give the Society to have global impact.

Among the initiatives that are funded is a repeat of the DCCAF scheme for the 53rd Congress in Bergen, Norway next year. That scheme will be augmented by additional days before and after the Congress which will allow our scheme Fellows to attend a pre-Congress workshop on animal welfare concepts, and a one-day, post-Congress excursion to multiple 'model' farms.

There will be a re-launch of the Animal Welfare Science HUB administered by Dr, Andreia De Paula Vieira, which arose out of the AWIN project lead by Prof. Adroaldo Zanella. The HUB will represent an invaluable resource on animal welfare science, which will be freely accessible to all, and importantly, to those colleagues in developing countries where free access to information can be difficult.

Finally, there will be enhanced support for ISAE's regional activities, with additional funding for East Central Europe, Latin America and East Asian regions, to support travel bursaries and external speaker attendance at regional meetings, and for our three Country Liaison Officers to help them engage with stakeholders within their own countries. Our first disbursement of funding has already gone to support the joint East/West Central Europe meeting taking place in Warsaw Poland this month, boosting accessibility and increasing the number of people able to attend.

I would like to convey my thanks to Lewis Bollard of the OPP for his support of our aims, to Rebecca Sommerville for all her continued and impactful efforts as our Development Officer, and to all those other individuals who will be called upon over the next two years to put this funding into action!

**Jeremy Marchant-Forde** / *Former ISAE Council Officer*

## Animal Welfare Judging and Assessment Contest

The 18th Annual Intercollegiate Animal Welfare Judging and Assessment Contest will take place on the 16th-18th November 2017 at Colorado State University in Fort Collins, Colorado.

The Animal Welfare Judging and Assessment Contest (AWJAC) aims to provide a unique educational experience while strengthening student vocabulary and reasoning skills. The competition teaches students to assess the welfare of animals in a variety of settings using science-based methods and reasoning. Students are given the opportunity to weigh evidence and present sound evaluations. This contest ensures that tomorrow's leaders in the animal industries develop strong communication skills and acquire enhanced knowledge of animal welfare. The contest is open to veterinary students, undergraduates, and graduate students.

To learn more, visit the Contest website, which will be updated as the date approaches: [www.awjac.org](http://www.awjac.org) Alternatively, for more information feel free to contact me ([Jeremy.marchant-forde@ars.usda.gov](mailto:Jeremy.marchant-forde@ars.usda.gov)) or AVMA's Dr. Sharon Kuca ([skcua@avma.org](mailto:skcua@avma.org)).

*Jeremy Marchant-Forde / ISAE Representative on the AWJAC Advisory Board*

## Remembering Glen McBride and Frank Hurnik

The ISAE has received sad news of the loss of two of our Society's [Honorary Fellows](#). Dr. Jeffrey Rushen, ISAE member and Honorary Fellow (2014) informed us that **Dr. Glen McBride**, (Honorary Fellow 1995) passed away at the start of 2018. In June, we learned of the passing of **Dr. J. Frank Hurnik**, an early leader in the science of applied ethology and animal welfare in Canada. Drs. Tina Widowski and Derek Haley at the University of Guelph shared [this link to his obituary](#). The ISAE is saddened by the loss of these distinguished members of our community, and we are ever grateful to the contributions they made to the field of applied ethology during their lifetimes.

## Employment and Education Opportunities

Some current [employment and education opportunities](#) related to applied ethology include:

- [Postdoc and PhD Positions](#), U of Bern, Switzerland (deadline 20 June)
- [Postdoc](#), INRA UMR PEGASE, France (deadline 25 June)
- [Assistant / Associate Professor](#), U British Columbia, Canada (deadline 1 August)
- [Sheep & Goat Specialist](#), U California-Davis, USA (deadline 17 August)
- [PhD Assistantship](#), USDA-ARS, USA (starts summer or fall 2018)
- [MSc Assistantship](#), Auburn U, USA (starts August 2018)
- [MSc Thesis](#), FSVO, Switzerland (starts August 2018 or later)
- [PhD Position](#), U Tennessee, USA (starts August 2018 or January 2019)

For details on how to apply and for the most up-to-date information on employment and education opportunities, visit the [ISAE website](#) and follow us on social media:

- **Facebook:** [www.facebook.com/appliedethology](http://www.facebook.com/appliedethology)
- **Twitter:** [@appliedethology](https://twitter.com/appliedethology)
- **LinkedIn:** [www.linkedin.com/groups/8561819](http://www.linkedin.com/groups/8561819)

To advertise a position: send the job title, location, contact email address, application deadline, and a URL and/or a pdf flyer to [info@applied-ethology.org](mailto:info@applied-ethology.org). Listings are updated weekly and will be removed 3 months after the posting date if no closing date is given.

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