

ISAE

www.applied-ethology.org

newsletter

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President's Piece

I'd like to start with a piece of common knowledge: ISAE is a friendly society. I was overwhelmed by this fact as a newcomer to ISAE in the early nineties when I was, eyes wide open with expectation but never with frustration, warmly and enthusiastically introduced to this community. I have been enjoying the open and amicable atmosphere among ISAEers since then, most often as a receiver of invaluable benefits. And I value the cooperative spirit very much now in the position of ISAE President. After the years of being a member of the ISAE herd I even dare to say that sincere personal friendships abound in the ISAE. Good reasons to cherish and foster our society!

Besides feeling well in the ISAE, members have good reasons to be proud of it. ISAE is now undoubtedly firmly established as a respected yet dynamic professional scientific society. We have our very important field of expertise. That field has been nicely delineated by the recently accepted definition in our "home" journal, the *Applied Animal Behaviour Science* as "the application of ethology to animals managed by humans". In spite of having a well-defined scope of research, much of the scientific endeavour of ISAE members is interdisciplinary. Our mother discipline is basic ethology. I am looking forward very much to the upcoming ISAE congress in Bristol, where the general theme will be "Applying Ethology: Links between Fundamental and Applied Research". With this congress, we are coming back to Britain, the "cradle" of the ISAE, so it is very appropriate to strengthen our links to the roots. Our congresses are forums that push up the quality of our research. When you hear a talk or see a poster about a bright and thorough piece of science, you want to be that good, too. I am sure I will have this feeling many times in Bristol. But good quality research is often not an individual endeavour but rather a collective piece of work. Therefore, the conclusion of a recent discussion in the ISAE Council was that we want to maintain good quality of the presentations at the congresses through screening the abstracts. However, we do not support limits to the number of participants since that might go against the tradition of ISAE congresses providing excellent opportunity for every productive applied ethologist to establish and nourish collaborative links across the globe and across the subdisciplines of applied ethology.

ISAE is increasingly becoming an influential society as well. That is why we, members of ISAE, bear a heavy responsibility. The knowledge we gain through research and that we present in publications, teaching, presentations and expert opinions is being more and more taken up by the public, by companies, by administrators on the national and international level. Our prime responsibility is to do good science so that others can rely on us providing state-of-the-art knowledge. Important developments (to name just a few) are occurring North America, where companies seek advice from applied ethologists to formulate their animal welfare standards; in Europe, where the EU bodies are attempting to improve conditions for farm animals through legislation and support of research in the direction of higher-quality-food schemes; in Eastern Asia, where the public awareness and academic interest in farm animal welfare seems to be taking roots in previously untouched geographical areas. So the current decade is a dynamic time in the relationship between the applied ethology and human society at large and it is a great opportunity for the ISAE to be useful.

Let us stop here with warm feelings and take five brief refreshing cold dips. First, some aspects of the ISAE have not been functioning quite OK. We were not lucky in the selection of the first provider of our membership services. In spite of paying good money to the company, members and ISAE Council officers were receiving frustratingly inaccurate information. Due to hard work of our membership secretary Moira Harris, the Council has

succeeded to switch the service to another company since October of this year. Second, the ISAE has actually shrunk in size recently – we had to expel several dozens of people who were more than two years in arrears with their membership fees. Third, the Council and probably also the members are not entirely happy with the format of our congresses. Posters often do not seem to have enough opportunity to show their true value, and the format of workshops is not exploited to its potential value. Fourth, in terms of the prestige of our “home” journal, Applied Animal Behaviour Science, our common efforts with Elsevier to have it listed not only among the ISI Agriculture but also among the Behavioural Sciences journals have failed. Reason: articles in AABS are not cited frequently enough by other Behavioural Sciences journals. And fifth: in terms of geography, we should rather call us a “patchy international society”. Large areas of the globe, including those very important in terms of scope of animal husbandry, scope of biomedical research on animals, scope of both human and animal needs are still virtually, and often absolutely, ISAE-free.

So there are jobs to be done.

With best wishes,

Marek Špinka
ISAE President

Fly on the wall

News from the August 2005 Council meeting in Sagamihara, Japan – from Anna Valros

It's now December and dark and cold here in Finland (not the optimal climate for a fly, by the way!), so thinking back to August and remembering our last Council meeting in warm and friendly Sagamihara, Japan is a true pleasure! This was the first “live” Council meeting for this particular Fly and a positive experience it was – showing again that we have an active and motivated Council at ISAE! Well, I'd better get down to business and give you some inside information on what was discussed during this meeting, held Saturday, August 20th 2005.

Council had several bids for **future congresses** (2008-2009) and after a long discussion and a tight vote, the following bids were accepted: the ISAE 2008 –congress will be held in Eire and the 2009 – congress in Australia. So prepare for interesting travel within the next year: from Bristol, UK in 2006 to Mexico in 2007 and then via Eire to Australia! I wish all the congress organisers the very best and look forward to attend as many meetings as possible.

The **structure of the annual congresses** was another issue that came up again during the Council meeting. Questions discussed were related to things like scientific quality and number of oral vs. poster presentations. Council saw a possible need for clearer guidelines in the future (i.e. the discussion will continue – so why not give us your opinion on the ISAE discussion board!). However, we should not restrict the freedom of local organisers too much. For now, Council decided it was enough to make it clear in the Congress guidelines that talks should be of high quality, there should be enough time for discussions and the posters should be given a higher profile.

One of the big questions this year at the Council meeting was related to the future **structure of the Council** itself. You might remember that the Bug reported on this already after our December meeting when it had been suggested to reduce the number of ordinary members

and instead increase the Office-bearing positions. The idea is to make Council even more effective and the structure clearer, e.g. by doing something about the issue of co-opted members: these do a lot of work but are not allowed to vote. This development was reflected in a motion for amendment of the ISAE Constitution given by Birte Nielsen and myself. Council discussed and accepted the motion, which was thus taken to the AGM. Even though I did not really aim to report on the AGM here, I can't help myself from letting you know that the motion was accepted. This means that next year at the Bristol AGM we will be voting on some new Council positions: the Ethics Chair, the Jr. Editor, the Education officer and the Procedural advisor. Keep your eyes open and prepare for nominations for these positions next spring/summer!

Another hot issue that started already at the last Council meeting was the topic of **member criteria**. There is some indication that members are supportive of a stronger scientific criteria when accepting new members, but what we really need to do now is discuss the future of the Society: do we want to become big and broad or exclusive with a focus on high-quality science? Not an easy question to answer, maybe somewhere in-between? Does this make your blood pressure rise? If so, please go to the ISAE message boards and tell us, and other members what you think!

Other membership-related issues concerned the fact that we have now a **new membership service provider**. From now on, you will get your bills from Granta instead of RfA. Let's hope this works out well for all of you and makes life easier for our hard-working Membership Secretary. We also discussed the issue of **members in arrears** further – prepare for a vote related to this during the AGM in Bristol! In addition, Council agreed that **free membership** will only be granted on a yearly basis in the future – however, this will be discussed in more detail in our upcoming December meeting.

I think this is all for the Fly this time – I hope you got a good picture of what is going on within the Society right now and what your Council is up to. The Fly will now hibernate for the winter and let the Bug get back to you with news on the December Council meeting next spring.

ISAE Council News

Communications – Derek Haley

The big news on this end since the June Newsletter is that **the ISAE password for all secure documents changed** on 19-Nov-05. You need this password, for example, to logon the members-only on-line discussion forum. If you need the password at any time just contact me and I will send it to you as soon as I can confirm your status as an ISAE member (derek.haley@gov.ab.ca).

A reminder that for the last 6 months or so the privilege of posting to ISAE-net-1 has been restricted to a select few. This change was made in the wake of a loop virus that resulted in a single message being sent multiple times. So if you have a message you wish to have sent via ISAE-net-1 you should send it to me or another member of ISAE Council, who can then pass it my way for distribution.

As always, please keep us up-to-date about your e-mail, mailing addresses and your telephone and facsimile numbers. I am currently looking into the possibility of putting

together a membership directory and we shall soon see how many of you have out-of-date information there despite my constant pleading! Please e-mail me any address information changes that you have.

ISAE-net-1 now reaches about 90% of ISAE members. In doing some hunting around I recently calculated that roughly 15% of ISAE members still subscribe to the e-mail discussion list Applied-Ethology. This means that ISAE members comprise about 22% of the entire list population.

ISAE Editor – Vicky Sandilands

As ISAE's editor, I would like to invite an ISAE member to join the society's editorial committee. The duties are described below (as taken from ISAE's Guidelines) but I would like to suggest that any such member would most likely assist with writing the 6-page promotional article. Last year, I produced such an article (a biography on David Wood-Gush) and we have a few ideas for the next few articles, but some help in pulling them together would be appreciated.

Applicants can email me directly to express their interest or ask any questions.

Editorial Committee

1. The President, in cooperation with the Senior Vice-President and the Editor shall appoint an Editorial Committee which shall comprise the Editor, one member of the Congress Advisory Committee (preferably the chairperson), one previous, most recent congress organiser and one current congress organiser, and an additional member. The additional member should be sought over the ISAE-net and with the assistance of the Regional Secretaries. In addition, more members may be drafted by the Committee to help speed up the review process.
2. The Editorial Committee shall assist the Editor in writing the 6-page annual submission to Applied Animal Behaviour Science (see also Agreement between Elsevier and ISAE available on the ISAE web-site in the members-only section).
3. The Editorial Committee shall assist the Editor in completing the special issue of Applied Animal Behaviour Science planned from each annual congress.
4. The Editorial Committee approves the one-page advertisement for the ISAE written by the Communications Officer to be published in Applied Animal Behaviour Science twice per year.

Membership Secretary – Moira Harris

Our total number of members now stands at 639 (down from 750 at the summer Council meeting, since we have expelled those who had not paid their subscriptions for a while). Happily, we have also welcomed the following 12 new members:

Sharon Cudd Wirant	USA	Akinori Oshibe	Japan
Nicolas Devillers	Canada	Jacqueline Perkins	Australia
Trevor DeVries	Canada	Tsuyoshi Shinmura	Japan
Yusuke Eguchi	Japan	Iman Rahayu Soesanto	Indonesia
Kelly Jones	UK	Louisa Tasker	UK
Ellen Lindell	USA	Yoshiko Uchida	Japan

Membership Services

I'm pleased to tell you that, after several years of less-than-satisfactory service from RfA, the ISAE has appointed a new membership services provider, Granta Information Services (GIS). Based in Cambridge, UK, Granta also administers membership for several other scientific societies including ASAB. Granta took over from RfA in October, and early indications are that the change will be a very positive one. Granta's contact information now replaces that of RfA on our website and downloadable forms, and any queries that go to RfA accidentally will be redirected.

Granta's contact details are:

David Cole or Jenny Levitt

Granta Information Services

82A High Street, Sawston, Cambridge

CB2 4HJ United Kingdom

Tel: +44 (0)1223 830665, Fax: +44 (0)1223 839804, Email: isae@grantais.demon.co.uk

Code of Conduct

New this year is a members' Code of Conduct (shown below), which all new applicants will now be required to sign. Council felt a code of behaviour in relation to ISAE membership was needed, particularly since the range of interests of newer members is widening. The Code of Conduct stipulates:

- 1) ISAE is an independent body and acts to provide impartial scientific information.
- 2) The name and / or membership of the ISAE must not be used to promote personal and / or organisational views and philosophies, unless directly ordered / permitted to do so by Council.
- 3) The name and / or membership of the ISAE must not be used for financial and / or commercial gain, unless directly ordered / permitted to do so by Council.
- 4) Members must not act in any way likely to jeopardise the integrity of the Society or bring it into disrepute.

Failure to comply with the Code of Conduct may result in termination of membership of the ISAE (with no possibility of reinstatement) and the forfeiture of any membership fees previously paid.

Pay-every-year and Free members

A couple of important changes are coming up, which will affect the way ISAE membership works. First, to help expand the ISAE and encourage applied ethology the Society has a small number of members (mostly from Eastern Europe) who have been granted free membership. We have not had very clear guidelines about how to manage free members until just recently. Starting in June 2006, we will start allowing ONE year's free membership on request, for those who qualify (verification that they cannot pay the current membership fee and is currently active in applied ethology research and / or teaching). People wanting this benefit will need to contact the membership secretary EACH YEAR to continue their free membership; this benefit will no longer be automatically carried over from year to year. This change will be explained on the membership renewal forms that will be mailed ahead of the 1 June membership payment deadline.

Secondly, we have traditionally had a two-year grace period for arrears (meaning that members could fail to pay their subscriptions for up to two years but still receive membership benefits) before having their membership revoked. This policy has started to cause headaches and confusion all around. Some members have difficulty keeping track of when they last paid

and how much they owe. A good proportion of members have independently moved to renewing their membership every year since the Society precluded the option to pay for years in advance. At the recent ISAE Council meeting we discussed moving in-line with most other scientific societies, to a system where all members renew every year. At this point in time it this idea is still in discussion. This is a constitutional issue that will require voting on an amendment at a future AGM, before any changes are instituted. You'll receive more information about this simplified pay-every-year system before that happens and we welcome your input. In the meantime, if you are behind on your payments (and there are still plenty of people on our database who haven't renewed since 2004) please do go to our website, where you can renew directly using your credit card or download a payment form. Do this today!

As always, if you have any queries, questions or concerns about your ISAE membership, don't hesitate to contact me!

Procedural Advisor – Carol Petherick

The ISAE Procedural Guidelines are currently being revised as they are every year around this time and the new document will be made available in the new year. The guidelines give you a behind the scenes look at the details of who does what on Council and of the procedures that are followed not just at Council meetings but also in the organization of things like the international congress. It is requested that members read through the Guidelines and any feedback would be much appreciated. Please e-mail your comments to carol.petherick@dpi.qld.gov.au.

ISAE Regional News

Canada – from Derek Haley

The next regional meeting of the ISAE for members from Canada is tentatively scheduled for 8-Jun-06 in Vancouver, British Columbia, Canada. This will be a meeting held jointly with the USA region. In addition several other groups of relevance to animal behaviour and welfare have expressed an interest in having their one-day meetings coincide with the ISAE regional meeting so, stay tuned to the meetings section of the ISAE Home Page for all the latest information about these events.

2005 ISAE Annual General Meeting

Minutes of the ISAE Annual General Meeting, August 23th 2005, Sagamihara, Japan

The meeting was chaired by Ruth Newberry (RN) and attended by 48 persons (43 ISAE members, 5 non-members).

1. Apologies for absence

The Assistant Secretary Anna Olsson and the Ordinary Council members Carol Petherick, Elisabetta Canali, Anne Marie de Passillé, Joe Garner, Kristin Hagen and Bjorn Forkman apologised for not being able to attend the AGM.

2. Minutes of previous AGM and matters arising from minutes

As the minutes from the previous AGM had not been circulated to members prior to the Congress, it was decided that this agenda point will be handled in the following way: the minutes will be posted on the ISAE-web as soon as possible after the AGM and members will be given 2 months to comment (from date of posting). If no comments are received by then, the minutes are considered to be accepted.

3. Motion for amendment of the constitution

The Secretary, Anna Valros (AV) presented a motion for amendment of the constitution (proposed by Birte Nielsen and AV) as follows (showing proposed changes in bold and proposed deletions crossed out):

3. Administration

a. The affairs of the society shall be vested in a Council consisting of the Honorary President, the Honorary (Hon.) Senior Vice-President, the Hon. Junior Vice-President, the Hon. Secretary, the Hon. Assistant Secretary, the Hon. Membership Secretary, the Hon. Treasurer, the Hon. Communications Officer, **the Hon. Senior Editor, the Hon. Junior Editor, the Hon. Education Officer, the Hon. Ethics officer and the Hon. Procedural Advisor.** Council shall have powers to co-opt other officers from the ISAE membership as deemed necessary, who shall then be non-voting members. All officers and members of Council shall be members in good standing of ISAE.

b. Each year the Society will hold an Annual General Meeting (AGM) at which all members of ISAE in good standing are entitled to have due notice, to be present, and to vote. At the AGM the Hon. President, the Hon. Junior Vice-President, the Hon. Senior Vice-President and the other office-bearing members of Council shall be elected. **The Hon. President, the Hon. Junior Vice-President, the Hon. Senior Vice-President, the Hon. Senior Editor and the Hon. Junior Editor shall serve for a maximum of two years.** Other office-bearing members shall normally serve for a maximum of **four** years.

~~c. Each year at the AGM two non-office-bearing members of Council shall be elected to serve for a period of 3 years. After the expiration of the term of office of such members they shall not be eligible for re-election until a period of 1 year immediately following their term of office has elapsed.~~ Any elected Council member who, for any reason, takes over the unexpired term of an elected council member shall only serve the unexpired period of that term, but will be eligible for immediate election following the expiration of the unexpired term which was taken over.

In practice this would mean the following changes:

1. A general reduction of the terms of service from 5 to 4 years (does not apply to Presidents).
2. In the case of the Editor, the term shall be split up into 2 years as Junior Editor and 2 years as Senior Editor.
3. A reduction of Ordinary Council Members from 6 to 0
4. No new Ordinary Council members elected 2005
5. The following co-opted (non-voting) members would become voting members:
 - Education Officer
 - Chairperson of the Ethics committee (> Ethics officer)

- Procedural Advisor

6. A reduction of Council size from 15 to 13

These changes would come into force at the 2005 AGM in Bristol, when there would be an election for the new office-bearing council members. All current Ordinary Council Members would finish their current period (Anne Marie de Passillé and Joe Garner > 06; Kristin Hagen and Björn Forkman > 07).

The discussion points that arose from the suggestion included how this would affect the staggering of Council positions (Ed Pajor) and whether the Junior Editor would automatically become Senior Editor after 2 years (Paul Koene). The change would still include a sufficient amount of staggering between positions to avoid too many offices ending at the same time. The system for Jr/Sr Editor would follow the same pattern as the current President election system: the Junior Vice President has to be elected for President at the relevant AGM. However, it is usually the practice that this is what happens.

The AGM took a vote on the motion and 42 members voted in favour, no-one against and one person in abstention. Thus the motion for amendment of the constitution was passed by the AGM and will be put into force starting immediately (no new Ordinary members elected this year and all new officers elected at next year's AGM).

4. Election of Council Members

Office bearing members eligible for re-election were:

- **Senior Vice President:** Ruth Newberry (05-07)
- **President:** Marek Spinka (05-07)
- **Secretary:** Anna Valros (04-09)
- **Membership Secretary:** Moira Harris (03-08)
- **Treasurer:** Deborah Goodwin (04-09)
- **Editor:** Victoria Sandilands (04-07)
- **Communications Officer:** Derek Haley (03-08)
- **Assistant Secretary:** Anna Olsson (02-07)

The AGM voted in favour (43 in favour, 0 against, 0 abstentions) of continuing all the offices of current office bearing members.

All vacancies on Council had been advertised over the ISAE-net and nominations received. Information about all the new candidates was available during the ISAE congress on the notice board.

As no new Ordinary Council members were elected, there was only a vote on the JVP. One nomination had been received prior to the AGM. There were no additional nominations from the floor. The candidate for JVP was Janice Swanson (USA). She was elected unanimously (43 votes for, 0 against, 0 abstention) by the AGM.

The leaving Council members Carol Petherick, Elisabetta Canali and Linda Keeling were thanked for their valuable contributions, and the new member welcomed.

5. Election of Auditor

Council proposed Marc Rutter (UK) as candidate for the auditor. He was elected unanimously.

6. Reports of Officers

Senior Vice President

Linda Keeling (LK) reported on the coming congresses: 2006 in Bristol, UK and 2007 in Merida, Mexico. She also reported that the Council had made a decision on the following two congresses. 2008 will be in Ireland, 2009 in Australia.

Awardees from the Congress Attendance Fund for 2005 were Vicky Sandilands (UK), Ngaio Beausoleil (NZ), Stephanie Yue (Can), Sara Jackson (UK), Kerry Westwood (UK), Julia Lacey (UK) and Uta von Borstel (Can). It was possible to fund all qualified applicants this year, partly due to the fact that all applicants from Asia were funded by the Local Organising Committee. LK reminded the AGM that the fund is open to all ISAE members, not only to students.

Junior Vice President

Marek Spinka reported on regional activity. Three new Regional Secretaries have been appointed since last year: Benelux: Ingrid de Jong; Nordic: Margit Bak Jensen and USA: Inma Estevez. In 2005, regional meetings have been held in the East Asia, Nordic and UK/Eire regions and in 2006 meetings will be held in the joint Canada/USA, Nordic, joint East and West Central Europe and UK/Eire regions. MS also reported that 7 out of 11 regions have regional websites, all of which are linked to the main ISAE website. Other forms of regional activity include working with academic societies, state authorities and legislative bodies. MS welcomed initiatives for new forms of regional activities and told the AGM that the support for regions from ISAE can be given for both meetings and other activities, dependent on the actual need.

Membership Secretary

Moira Harris (MH) presented a report on membership issues. At the moment, the society has 675 members. Since July '04, 36 new members have joined the society and 39 members have resigned. Approximately 50% of the new members are students. At the Council meeting in August 2005, 57 members were expelled for non-payment of dues (in arrears since 2001 or 2002). MH urged all those in arrears since 2003 to pay immediately, as a vote on their expulsion will be taken by the Council soon.

More details on membership can be seen in Tables 1 and 2 (these numbers still include the 57 recently expelled members):

Table 1 ISAE members 2004 & 2005

Category	Members (July '04)	Members (Aug. '05)
Full or Reduced (student / retiree)	675	693
Honorary Fellows	11	11
Free	28	25
Total membership	714	732

Table 2 ISAE members 2003-2005 by regions

Region	Members (Aug. '03)	Members (July '04)	Members (Aug. '05)
Australasia / Africa	39	37	42
Benelux	43	45	44
Canada	49	51	52
East Asia	28	29	29
East Central Europe	37	37	39
Latin America	26	26	27
Mediterranean	54	64	64
Nordic	93	106	109
UK / Ireland	168	175	182
USA	84	95	91
West Central Europe	50	49	53
Total Membership	671	714	732

At next year's AGM, there will most probably be a motion for amendment of the ISAE constitution so that the current rule of allowing for a two-year arrears period will no longer apply. Instead, membership will be guaranteed only by paying the fee every year.

MH presented a new policy for free membership, adopted by the Council at their recent meeting. In the future, members of the category 'Free-because-unable-to-pay' must contact the Membership Secretary every year to request for continuing their free membership. There were some clarifying questions regarding the free membership (Gudrun Illman).

All new membership applicants are currently asked to give information regarding their institution / employer and the highest degree obtained (type and subject). They are also asked to summarize their research interests and reasons for seeking ISAE membership. From now on, all new members will also have to sign the Code of Conduct when applying for membership. Michael Cochram asked for more information on the Code of Conduct and this was read out loud to the AGM.

MH reminded everyone that supporting / seconding applications is not a formality. Supporters and Seconders should make sure they know the applicant. If anybody is unsure on how to deal with an applicant, they should contact MH.

MH also reported that the ISAE is ending the contract with Resources for Associations (RfA) this autumn. A new membership service provider (Granta Information Services) is taking over in October 2005.

Communications Officer

Derek Haley (DH) reminded all members to contact him if they do not receive messages via the ISAE-net-L or if their e-mail addresses change. Recently the possibility to send messages to the list has been restricted to the Communications officer (DH), the Membership officer (MH) and the President (MS). This was done to make sure the list remains an information channel for formal ISAE-related messages and to avoid viruses. The ISAE-net-L is not meant to be a discussion forum; instead general discussion is encouraged on the ISAE-web message

board. DH also reminded the AGM that the ISAE Newsletter is published twice a year (December and June) and that articles etc. are very welcome.

Treasurer

Debbie Goodwin (DG) informed the AGM that the balance reports have been posted on the notice board during the congress and hoped people had time to read these. These reports will also be posted on the ISAE-web. DG was happy to inform the AGM that the result for the 2004-2005 period was positive. The main income source is the membership fees and these can be expected to rise as the membership fee has increased. The membership service has been one of the biggest expenditure points last period. The new company providing this service will, however, be slightly cheaper. Tables 3-5 give detailed information on the ISAE accounts.

Table 3

ISAE Accounts for year ended 31 May 2005		
	2004-5	2003-4
General fund		
Opening Balance June 1st	Opening Balance June 1st 2004	Opening Balance June 1st 2003
Current account	£2 475,73	£3 752,23
Deposit account	£38 302,62	£37 812,18
Girobank account	£945,50	£945,50
Total general fund	£41 723,85	£42 509,91
General fund		
Closing balance 31st May	Closing balance 31st May 2005	Closing balance 31st May 2004
Current account	£3 545,79	2475,73
Deposit account	£37 297,90	38297,49
Girobank account	£945,50	945,5
Total general fund	£41 789,19	£41 718,72
Total income	£12 021,59	£8 781,77
Total Expenditure	£11 956,25	£9 572,96
Net income	Net income 2004-5	Net income 2003-4
	£65,34	-£791,19

Table 4.

Income	Income 2004-5	Income 2003-4
Subscriptions paid in by RfA	£2 055,49	
Subs personal cheques	£155,00	
BOI subs credits	£7 725,00	
Other direct subs	£75,00	
total subs	£10 010,49	£5 864,84
Current account interest	£2,71	£3,76
ABBIT payment - incorrectly credited by RfA	£305,13	
total current account income	£10 318,33	
Congress profit	£922,64	£1 385,23
Deposit/Amalgamated account interest	£780,62	£378,25
total deposit account income	£1 703,26	
Donation from RSPCS for advisory activity		£1 000,00
Reimbursement from EU		£149,69
Total income	£12 021,59	£8 781,77

Table 5.

Expenditure	Expenditure 2004-5	Expenditure 2003-4
Invalid or refunded subscriptions	£145,00	£55,00
ABBIT payment - refunded less £5.13 admin fee retain	£300,00	
Bounced subs cheque	£25,00	
Bank charges for bounced cheque	£4,00	
Membership secretary's costs	£35,00	
RfA admin fee	£7 637,40	£8 273,94
RfA consumables	£810,63	£511,32
BOI Credit card facility	£116,24	
Institute of Biology subscription 2003 and 2004	£175,00	
<i>Total current account expenditure</i>	<i>£9 248,27</i>	
Conference attendance fund	£2 096,37	
Elsevier copyright fee		£62,00
Transfers to regions	£550,61	£450,00
Bank charges for transfers	£61,00	£75,00
Cost of payment website set-up		£145,70
<i>Total deposit account expenditure</i>	<i>£2 707,98</i>	
Total Expenditure	£11 956,25	£9 572,96

Assistant Secretary

The Assistant Secretary report (prepared by Anna Olsson) was given by RN. At the moment, the ISAE has the following representatives in the Council of Europe: I. Veissier – pigs, cattle; M. Stauffacher – rabbits and L. Sneddon –farmed fish. There was some discussion about what the role of these representatives is and RN concluded that they are there to provide scientific expertise.

RN also mentioned that ISAE is applying for membership in AAALAC International. As a representative for AAALAC will be probably be needed in the near future, RN urged anybody who is interested in being involved to contact the Council.

Ethics Chair

The report of the Chair of the Ethics Committee (prepared by Chris Sherwin) was given by RN. There had been no abstracts for Japan 2005 received for review by Ethics Committee. The Ethics Committee has given input to the International Cetacean Society re setting up an ethics committee. In addition, it was made clear that the ISAE Ethics Committee is not involved in ethical review of papers for Applied Animal Behaviour Science.

Crystal Moons asked whose responsibility it is to make sure congress abstracts are sent to the Ethics Committee, when appropriate. RN informed the AGM that this decision is made based on the reviewers' recommendations. MH added that the ethics committee could only review the contents of the abstract, not the presentation.

Editor

Vicky Sandilands (VS) mentioned that the main role of the Editor is to work together with Elsevier on the ISAE special issues of AABS. The AABS ISAE Special Issue from the 2003 Congress was published in August 2005. The special issue from the 2004 Congress will include 6 papers and is almost finalised. At the 2004 Congress, 40 submitters of abstracts ticked the box that they are interested in preparing a full paper. However, this option is only open for plenary speakers, Wood-Gush speaker, workshops and review-type papers. Experimental papers are not considered for the Special Issue. From the 2004 Congress, 6 of the submitted papers were suitable and more will be generated from the Workshops. VS also reported that the ISAE does not have exclusive rights over AABS for Special Issues.

At the Council meeting in December 2004, it was decided to suggest a change in the AABS subtitle and this has now been altered to '*An international scientific journal reporting on the application of ethology to animals managed by humans*' (instead of '*used by man*').

Last year the ISAE promotional article was on David Wood-Gush. This year, it will be on Ruth Harrison.

Elsevier has made it possible for all ISAE members to get the electronic version of the AABS for 30 euros/year.

7. Any other business

RN thanked the outgoing members of the Council and Regional Secretaries, as well as Birte Nielsen (Procedural Advisor) and Jeremy Marchant-Ford (Auditor) for all their work.

Crystal Moons from Gent told the AGM about a new animal handling course at the local Veterinary school and suggested that it might be a good idea to start a video library related to animal handling on the web. RN thanked her for the excellent idea and suggested starting a discussion around this on the ISAE web discussion forum. This will also be taken up by the Council at their next meeting.

The next Council meeting will be held on Dec. 12-16, 2005 (web-based) and the next AGM on August 11, 2006 in Bristol, UK.

The AGM was closed by Ruth Newberry thanking the people for their attendance of the AGM.

Anna Valros, Secretary

Animal Welfare Course Review: Cambridge

Animal Welfare Course 11-23 September 2005 at the University of Cambridge, Centre for Animal Welfare and Anthrozoology – reviewed by Ka Schuster & Anja Wasilewski

Set in St. Catharine's College, Cambridge, the course was hosted by Colleen Macleod Professor of Animal Welfare, Donald M. Broom, and we would like to thank him and everybody else on the organising team. They not only presented us with a number of excellent lectures but also provided ample amounts of tea and biscuits during breaks, which considerably enhanced the participants' physical and psychological welfare.

The course comprised the following four modules:

Module 1: Welfare concepts and assessment (£360, 3 days [approx 552 Euros, \$637 US])

Module 2: Farm animal welfare (£240, 2 days [approx 368 Euros, \$425 US]),

Module 3: Law and companion animal welfare (£360, 3 days),

Module 4: Principles of ethics in relation to animal use (£360, 3 days).

Lectures were given by Professor D.M. Broom and colleagues in the University of Cambridge, Professor D.B. Morton and colleagues these are colleagues from Birmingham, the above-mentioned ones are from Cambridge in the Dptm. of Biomedical Science and Biomedical Ethics in the University of Birmingham, and invited lecturers from the

Universities Federation for Animal Welfare (UFAW), the University of Bristol, and the Dptm. of Law in the University of Aberdeen.

The course provided a comprehensive introduction to the main areas of animal welfare science, applied animal welfare and the closely related fields of law and ethics. A considerable part of Module 1 was devoted to "laying the foundations" by giving a historical overview, addressing the key issues in animal welfare science, and also recapitulating the basics of animal behaviour and physiology. This thorough approach ensured that you were well in the know, even if you had not found the time to rigorously ruminare the reading list prior to attendance.

The following modules covered species-specific issues of farm and companion animal welfare, legal issues, and ethical principles and considerations (e.g., with respect to laboratory animals). Illustrating their points by case studies and videos, the lecturers presented the latest findings, and drew the participants' attention to new developments in animal welfare such as the changing significance of E.U. legislation and the welfare of farmed fish.

This year's course was attended by 34 participants from eight countries: England, Scotland, Ireland, USA, Spain, Sweden, the Netherlands, and Germany. As it is possible to sign up for any combination of modules, group composition fluctuated. Nine participants stayed on for the complete course, and the number of participants in each module ranged from 16 to 24, resulting in a sociopositive and constructive atmosphere.

Approximately half of the participants worked in the veterinary profession including small animal vets and veterinary officers in the state veterinary service as well as those employed by pet nutrition and pharmaceutical companies. This proportion is hardly surprising, considering that the Royal College of Veterinary Surgeons (RCVS) recommends the Animal Welfare Course as helpful for attaining the Certificate in Animal Welfare Science, Ethics and Law (CertWEL).

Researchers and teachers in the field of animal welfare science and / or animal behaviour accounted for roughly one fourth of the participants; a number of these also had a veterinary background. Group diversity was significantly increased by governmental representatives interested in the status quo at the interface of scientific research, law and ethics, and a few others whose (prospective) areas of work (e.g. law, animal production, civic service) included aspects of animal welfare.

At this point, we would like to thank all course participants who kindly answered our request for "allo-professional feedback". Their contributions to this review were very much appreciated and particularly helpful with respect to Modules 3 and 4, which we were unable to attend this year.

Overall feedback from the main target group (i.e. the vets) was very positive. It indicated that both choice of contents and amount of issues covered had been largely tailored to their needs, although some participants would have preferred more time to treat some issues in greater detail. With respect to Module 4, participants from various professions felt that they would have benefited from a little more background on the theoretical framework of ethical thought before being presented with the specific aspects.

The range of professions and interests created a valuable environmental enrichment and was unanimously considered very inspiring. The variety of experiences, perspectives and approaches led to animated interdisciplinary discussions, which, unfortunately, were at times

curtailed by the tight schedule. Group dynamics and Cambridge ale house infrastructure, however, ensured that debates continued well beyond the course time table.

Ka Schuster & Anja Wasilewski
Philipps-University, Marburg, Germany

(ISAE member Ka Schuster is currently undertaking a PhD studying the behaviour of Adélie penguins with Dr. Sigrid Schmitz IIG Freiburg (Germany), Prof Robert Schroter Imperial College London (UK), and Prof Lothar Beck at the University of Marburg (Germany). Dr. Anja Wasilewski (Univ. of Marburg) is a researcher studying the social behaviour of domestic and wild ungulates. Both authors attended modules of the AWC, and animal welfare represents a relevant aspect in their respective areas of research.–Derek)

Meeting Review: 2005 IEC in Budapest, Hungary

The ISAE Newsletter welcomes reviews from all meetings of potential interest to ISAE members.

2005 IEC in Budapest, Hungary – reviewed by Mairi Stewart

The XXIX International Ethological Conference was held in Budapest, Hungary, in August of this year. The conference was well supported by approximately 500 ethologists, scientists from other areas of behavioural biology, and many students from all around the world. The conference was fairly informal which made it a less intimidating, more friendly environment for students to present papers. Oral presentations were 15 min, followed by 5 min for discussion. Topics ranged from conservation to dog-human communication, the evolution of cognition and insights into cognitive abilities and some recent primate research, with study subjects ranging from spiders to octopus, zebras and wolves to humans! There were four parallel sessions in the morning and afternoon of each day. Special symposia were dedicated to the genetic, physiological and neurobiological bases of behaviour and there were many excellent plenary speakers including Dr. Amotz Zahavi (“The handicap principle in social collaborations”) and Dr. Bengt Silverin (“Hormones, stress and aggressive behaviour in birds.”)

The conference was held over one week with the opening ceremony on the Saturday night, which coincided with Hungary’s Constitution Day and as a consequence there were fireworks and festivities to enjoy. The week was broken up with a choice of five different mid conference excursions. We had the opportunity to visit a Hungarian stud farm where we were greeted by Hungarian herdsman and given the famous brandy, “the pálinka” and then entertained with an impressive horse show, demonstrating the wild traditions of the famous Hungarian horsemen, and a traditional Hungarian lunch and music. The conference ended the following Saturday after a farewell dinner cruise on the Friday night down the famous River Danube. The dinner was most enjoyable and gave us a glimpse of some of Budapest’s historical sights by night.

Unfortunately, due to a long week and a big night at the farewell dinner the night before, few people attended on the last day when the applied ethology sessions were scheduled. It would have been preferable to have some of the applied ethology sessions spread across the week as many people missed out on some of these presentations with the parallel sessions making it difficult to attend all the applied ethology presentations of interest. However, there were

many interesting presentations including the plenary speaker, Dr Marina Verga, who gave an interesting overview of the current situation and future for animal welfare.

There were two main poster sessions that were scheduled around afternoon tea and on one occasion coincided with a wine tasting session, which I'm sure encouraged, some interesting discussion around the posters. There was plenty of time to view the posters as they were displayed over three days for each session.

Overall, the conference provided good networking opportunities and the experience was extremely valuable for me at this time during my PhD. I met some world-leading ethologists and had opportunities to discuss ideas and exchange valuable information.

I would like to acknowledge AgResearch and Massey University for their support and contributions towards my travel.

(ISAE member Mairi Stewart is currently undertaking a PhD with Dr. Jim Webster at AgResearch Ltd. and Prof Kevin Stafford at Massey University in New Zealand. She attended the XXIX International Ethological Conference in Budapest, Hungary where she presented a poster titled "The effects of adverse weather conditions on the behaviour and physiology of New Zealand dairy cows." –Derek)

ISAE Members on the Move

Mike Appleby – from USA to the United Kingdom

Mike Appleby is now based in London, UK, with a view of the River Thames from his desk. He is working for three organizations – the World Society for the Protection of Animals, Eurogroup for Animal Welfare and RSPCA – as Trade Policy Manager. That involves lobbying the World Trade Organization and others to take animal welfare into account. He's off to Hong Kong with a new Sustainability Impact Assessment under his arm saying – no surprise here – that the overall impact of WTO negotiations on sustainability is likely to be negative. Mike's new contact information is as follows: World Society for the Protection of Animals, 89 Albert Embankment, London SE1 7TP, UK (phone: +44 20 7840 6243; fax: +44 20 7793 0208; e-mail: michaelappleby@wspa.org.uk).

Sara Jackson – from Bristol to Cambridge, UK

After spending the last four years in the supportive environment of the University of Bristol Animal Behaviour and Welfare Group I have moved on to the University of Cambridge to study Veterinary Medicine. My new email address is slj40@cam.ac.uk. Many thanks for all the supportive e-mails I received after finishing my viva.

Caroline Lee – Named Research Scientist at CSIRO in Australia

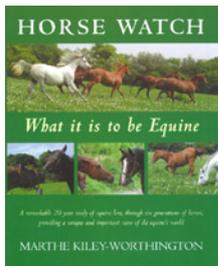
In September 2005 I began work in a new position, as a Research Scientist at the Commonwealth Scientific and Industrial Research Organization (CSIRO) in Armidale, Australia. I will be working in several areas, investigating stress physiology, cognition and behaviour of cattle and sheep. I did my PhD at the University of Sydney under the

supervision of Peter Wynn, investigating stress physiology and behaviour in pigs. In 2002, I started a post-doctoral position at CSIRO Livestock Industries in Armidale, working on the genetics of welfare-associated traits in sheep in collaboration with Andrew Fisher, Dominique Blache and Alain Boissy. My contact information is the same as previous (e-mail: caroline.lee@csiro.au)

Stephanie Torrey – Named Research Scientist at Agriculture & Agri-Food Canada, Lennoxville

In August 2005, Stephanie joined Agriculture and Agri-Food Canada as a Research Scientist in Swine Behaviour and Welfare. Stephanie completed her PhD in 2005 at the University of Guelph, Canada, under Dr. Tina Widowski. Her dissertation examined the relationships among suckling, feeding, drinking and abnormal oral behaviour in the young pig. Stephanie can be reached at torreys@agr.gc.ca. She and colleague Nicolas Devillers welcome you to visit them in wintry Quebec.

New reading in applied ethology



Horse Watch, or What it is to be a Horse? by Dr. M. Kiley-Worthington, publisher: J.A.Allen. London 2005. £25. Is one of the first multi disciplinary studies attempting to understand this teasing question that has been of concern to philosophers, ethologists, and psychologists for many years. It argues that because of our common mammalian background, it is possible to begin to answer this question by taking into account all the critically assessed knowledge we have about equines, their lives, feelings and epistemology. Critically assessed knowledge and ideas

from ethology, experimental psychology, philosophy as well as from people who have had to do with equines through history (folk knowledge), in association with a life time experience studying and researching the Druimghigha herd of experimental horses leads us to a further understanding of their cognition, and results in some surprising conclusions concerning the remaining questions of animal welfare: different species consciousness and quality of life. It is written in a form that can be easily read by specialists from all disciplines and everyday interested people who have horses and illustrated with colour photographs and critically assessed examples.

Appl. Anim. Behav. Sci. news -- from Elsevier

New subscription arrangements for *Applied Animal Behaviour Science*

Only members of ISAE are eligible to receive a personal subscription to *Applied Animal Behaviour Science*. Starting in 2006, you can choose between the following options:

- Print-plus-e subscription - 87 Euros per year
- E-only subscription - 30 Euros per year

Twenty-four new issues will be published in 2006 (an expansion of 1 volume/4 issues over 2005). E-access entitles you to see all full-text content from 1995 onwards, all Articles-in-Press, and all titles and abstracts before 1995. This is an exceptional offer.

Please note that 2006 subscriptions will initially be for a 6-month period (January-June), thereafter moving to an annual subscription in line with the Society's year.

Please [click here to contact the Membership Secretary](#) for further details.

Legal Scene

by Dr. Bill Jackson, MRCVS DVSM DrMedVet Barrister

Canine murder weapons

- **Presa Canario**

I expect you know about the Presa Canario. I didn't. For the benefit of other ignorami it is a breed of dog. It has been around since the 16th century. The breed was probably introduced into the Canary Islands by the Conquistadors and Spanish Colonists. Presa Canarios are large. The dogs are 24 to 26 inches in height, and weigh 100 to 125 pounds. The bitches are 22.5 to 24.5 inches in height and weigh from 88 to 110 pounds. The breed has always been used in the islands as guard dogs.

- **The murder/manslaughter case**

It happened in California. The case has received national coverage in the US press. A report in the American Veterinary Medical Law Association Newsletter of Summer 2005 describes the veterinary evidential aspects of a highly complex matter.

- **Outline details**

Two Presa Canario dogs mauled to death the defendant's neighbour in their apartment building. That location could be significant for at first sight an apartment would not appear to be the best place to keep two large dogs. A jury found the defendant guilty of second-degree murder, involuntary manslaughter and ownership of a "mischievous animal causing death". The case was appealed by both the People and the defendant. It is now before the California Supreme Court. To convert a charge of manslaughter to one of murder requires strong evidence as to the *mens rea*, the guilty knowledge or malice aforethought. The prosecution must prove subjective knowledge to determine the culpability of the defendant. There must be awareness that the act is life threatening or likely to result in great bodily injury.

- **The veterinary evidence**

The court noted that the defendant knew that the literature on Presa Canario dogs warned about the paramount importance of socialisation and training. The court record established that the defendant did little training of the dogs and had been specifically warned by a veterinarian that the dogs were aggressive prior to moving them to her apartment. The veterinarian was so concerned that he wrote to the defendant.

- **The veterinary surgeon's letter**

“I would be professionally amiss if I did not mention the following, so that you can be prepared. These dogs are huge, probably weighing in the neighbourhood of 100 pound each. They have had no training or discipline of any sort. They were a problem to even get to, let alone to vaccinate. You mentioned having a professional hauler gather them up and taking them... Usually this would be done in crates, but I doubt one could get them into anything short of a livestock trailer, and if let loose they would have a battle. To add to this, these animals would be a liability in any household, reminding me of the recent attack in Tehama County to a boy by large dogs. He lost his arm and disfigured his face. The historic romance of the warrior dog, the personal guard dog, the gaming dog, etc. may sound good but hardly fits into life today.”

- **Other veterinary opinions**

Evidence was heard from several other veterinary surgeons who had examined the dogs at various times without incident in their offices. However when cross-examined at trial, all the veterinarians acknowledged that if a dog lunges and snarls, that type of behaviour is a warning sign of aggression. Several also noted that a dog's behaviour at their office would not be indicative of his behaviour at home. In a surgery a dog is not in its own territory so does not have a territory to defend. If the owner is also absent that is another factor which will tend to calm an otherwise aggressive dog.

- **The findings of the appellate court**

The defendant admitted receiving the veterinarian's letter but discounted the information in it. The court found that the defendant's conduct before the killing repeatedly demonstrated her disregard for the obvious danger both dogs presented, including disregarding the veterinarians' opinion. The court remanded this matter to the trial court for further consideration.

- **Comments**

There have been many cases of animals killing humans. But a case involving so-called domestic animals as actual murder weapons must be unique. This year there was of course the case in Africa in which the live victim was fed to lions. What the California case will hinge on is the degree to which the defendant was negligent. Dependant on that the court will decide on murder, manslaughter or some other charge. If evidence was heard from a behaviourist there is no mention of that in the report.

For more information, contact Bill Jackson at member@sanctuarystreet.wanadoo.co.uk.

ISAE Congress Attendance Fund

The Congress Attendance Fund is available to assist ISAE members in attending the 2006 Congress in Bristol through awards to cover the cost of registration and, possibly in a few cases, also accommodation. The total sum available in this fund for 2006 is 2000GBP. Applications are due by March 1st 2006, and should be sent to the **congress organisers** by e-mail to isae-2006@bristol.ac.uk. Applications for funding will be reviewed by the Congress Attendance Committee. Priority will be given to applicants with low or no possibilities to attend the congress without financial support, little or no possibilities to obtain sufficient financial support from elsewhere, and high quality of submitted abstracts. Successful applicants will be notified immediately following acceptance of abstracts. Please review the guidelines for applications on [the members-only section of the ISAE Home Page](#). For

additional information, contact Ruth Newberry, ISAE Senior Vice President at rnewberry@wsu.edu.

ISAE Members-only Discussion Forum

The following topics are currently listed on the our web-based members-only discussion forum:

- A discussion about changing the arrears period for ISAE membership
- Digital video recording problem
- R & D on alternatives to mulesing / tail-docking in sheep
- Replication in experimental design

To view these discussions visit <http://www.voy.com/167578/>. The URL is also on the ISAE Home Page under “members only”. The password to access the site changed 19-Nov-05 and was distributed to ISAE members by e-mail, however it can also be obtained by contacting the ISAE Communications Officer.

Online Membership Renewal

Membership fees are due paid by 1 June, each year. In 2004 we established online membership renewal for current ISAE members:

<https://secure.bucks.net/rfb/isae/onlinereg.asp>. You do require your membership ID number to use this system. You will be advised via ISAEnet-1 when the on-line system is set to receive payments for the 2006-2007 membership year.

Employment Opportunities

Employment opportunities related to applied ethology that are brought to the attention of the Communications Officer, are posted to the ISAE Home Page. Below is a sample of positions currently available. Please check the ISAE Home Page for further details and for application deadlines: <http://www.applied-ethology.org/employment.htm>.

The Eco-Etho Research & Education Centre, La Combe, Drome, France, is **now able to take and supervise graduate and undergraduate students** for their projects in ethology of large mammals. We currently have projects on cattle cognition and decision taking, horse concept learning, African elephants social life & cognition. Improving teaching of mammals, including dogs. We have field studies to do on wild boar, roe deer, chamois and red squirrels who are resident on the centres nature reserve and farm. **Contact Dr. M.Kiley-Worthington by e-mail at eco-ferme.mkw@wanadoo.fr**. Also visit the website at <http://www.eco-etho-recherche.com/>.

Other employment positions available:

Position	Location	Contact
Research Assistant One-year term	University of Kassel Germany	Ute Knierim knierim@wiz.uni-kassel.de
Ph.D. Studentship Social cognition & communication	University of Zurich Switzerland	Marta Manser mmanser@zool.unizh.ch
M.Sc. Studentship Management of feral cats	University of Florida Alachua County, FL, USA	Julie Levy levyj@mail.vetmed.ufl.edu
M.Sc. Studentship Housing of feedlot cattle	Iowa State University Ames, IA, USA	Anna Johnson johnsona@iastate.edu
Post-doctoral Fellowship Use of space by poultry	University of Maryland & University of Florida, USA	Inma Estevez iestevez@umd.edu
Software & Instrumentation Sales Engineer Neurosci. & Zool.	Noldus Information Technology United States of America	Bart Van Roekel bart@noldus.com

Michigan State University launches on-line course in animal welfare

- from Janice Siegford

Animal welfare is a complex issue with implications across a range of societal concerns. Professionals in animal-related industries, including veterinarians and animal scientists are being called upon to assess the welfare of animals, but few are adequately trained to do so (Siegford et al., in press). To address the growing need for professionals trained to evaluate animal welfare, Adroaldo Zanella and Janice Siegford of the Animal Behavior and Welfare Group (ABWG) at Michigan State University (MSU) are heading a collaborative effort to create and teach web-based animal welfare courses.

Lectures using current, credible information have been prepared by international experts (Table 1) at several universities and organizations to teach students animal welfare from a multidisciplinary perspective. To help these lectures actively engage students and allow them to interact with the materials and instructors, the ABWG has partnered with the Information Technology Center in the College of Veterinary Medicine at MSU. By packaging materials in Macromedia Breeze™, lectures incorporate interactive elements to stimulate active learning in students, provide students with links to additional resources, and are small files that can be displayed with free downloadable software, Macromedia Flash™.

Currently, two online courses are being offered by MSU, Animal Welfare Assessment (3 credits) and Introductory Animal Welfare Science (1 credit). In the coming year, one-credit online courses teaching advanced animal welfare science and the ethics and economics of animal welfare will also be offered at MSU. In addition to course offerings for credit, non-credit versions of the online courses will also be offered that will be ideal for professionals wanting to learn about animal welfare, but for whom a university transcript is not essential.

In the Animal Welfare Assessment course, students receive online instruction in topics essential to the practice of animal welfare assessment including both the science used to study animal welfare and the societal pressures that influence animal welfare decisions, such as ethics and economics. The Introductory Animal Welfare Science course focuses on providing an understanding of the core sciences that form the foundations of welfare science, including behavior and physiology.

To demonstrate their knowledge of the material in both courses, students must complete online quizzes and assignments and participate in discussions with their peers and instructors. Students also apply their knowledge to assess the welfare of animals in hypothetical scenarios. The scenarios are multimedia presentations in which animals in two or more conditions are presented to the students. Students evaluate the welfare of animals in each condition based on factors such as housing, nutrition, veterinary care, health and disease, social interactions, and potential to express natural behaviors. Companion animals, livestock, laboratory animals, and exotic animals in captivity are represented in the various scenarios. At the 38th International Congress of the ISAE in Helsinki in 2004, a panel of animal welfare scientists created a standardized answer key for each scenario, thus bringing consistency and objectivity to animal welfare assessment.

By placing welfare courses online, and having highly-qualified instructors from institutions worldwide prepare the lecture material, students at any location can have access to the best education in animal welfare. Web-based interaction between students and instructors provides students with access to a broad network of animal welfare professionals and researchers as well as opportunities for dialogue and future collaboration. The ability to provide material in multiple formats also makes the information accessible to students with different styles of learning. By taking courses in animal welfare online, students are also able to learn at their own pace and schedule. Students may go through the lectures, complete the assignments, participate in discussions, and assess the assessment scenarios at their own pace as long as assignments are completed by the established due dates.

Educating students online removes geographic boundaries between potential students in any location and qualified instructors. This provides enormous potential to educate students in animal welfare where the needs are often greatest but the educational resources scarcest, as in South America or China. We hope to continue collaborating with colleagues to create additional online resources in animal welfare to answer growing demand for such knowledge.

For more information about online welfare courses at MSU, please visit <http://msu.edu/~siegford/MSUOnlineWelfare.htm> or contact Dr. Janice Siegford, Animal Behavior and Welfare Group, 1287 Anthony Hall, Michigan State University, East Lansing, MI 48824, (517) 432-8212, siegford@msu.edu.

Siegford JM, Bernardo TM, Malinowski RP, Laughlin K, Zanella AJ. In press. Integrating animal welfare into veterinary education using an online, interactive course. *J Vet Med Educ*.

Table 1. Topics and Lecturers for MSU's Online Courses in Animal Welfare

Topic	Lecturer
Defining Animal Welfare	Donald Broom, Cambridge University David Fraser, University of British Columbia
Behavior	Kirsty Laughlin, Humane Farm Animal Care Jeremy Marchant-Forde, USDA ARS, Purdue University
Physiology	Don Lay, Jr., USDA ARS, Purdue University

	Janice Siegford, Michigan State University
Health and Production Measures	Jeanne Burton, , Michigan State University Kirsty Laughlin, Humane Farm Animal Care
Neurobiology	Janice Siegford, , Michigan State University Adroaldo Zanella, , Michigan State University
Pain and Suffering	Ruth Newberry, Washington State University Dan Weary, University of British Columbia
Human-Animal Interactions	Paul Hemsworth, Animal Welfare Sciences Centre James Serpell, University of Pennsylvania
Animal Ethics and Legislation	Raymond Anthony, University of Alaska, Anchorage David Favre, , Michigan State University
Economics	Janice Swanson, Kansas State University Christopher Wolf, , Michigan State University
Standards and Assessment	Michael Appleby, World Society for the Protection of Animals Jeff Armstrong, , Michigan State University Adele Douglass, Humane Farm Animal Care

Future Meetings

ISAE Meetings

- **40th International Congress**
August 8-12, 2006 in Bristol, **UK**
- **Nordic Regional Meeting**
January 18-20, 2006 in Espoo, **Finland**
- **Joint Regional Meeting for East and West Central Europe**
May 18-20, 2006 in Celle, **Germany**
- **Joint Regional Meeting for Canada and the United States**
June 7-8, 2006 in Vancouver, Canada
- **41st International Congress in Mexico**
Tentative dates to fall during the week of 29-Jul-07
- **42nd International Congress in Dublin, Ireland**
Dates to be announced, 2008
- **43rd International Congress in Australia**
Dates to be announced, 2009

Other meetings of potential interest can be found on the Applied Ethology Home Page:
<http://www.usask.ca/wcvm/herdmed/applied-ethology/meetings.htm>

Other Meetings

2006

- **International Meat Animal Welfare Research Conference**
February 22, 2006 in Kansas City, KS, USA
- **American Meat Institute Animal Care and Handling Conference**
February 23-24, 2006 in Kansas City, KS, USA
- **International Conference on Comparative Cognition** – 13th Annual
March 22-25, 2006 in Melbourne Beach, FL, USA
- **Association for the Study of Animal Behaviour** – Easter meeting / post-grad workshop
March 29-31, 2006 in Nottingham, UK
- **Agriculture, Food & Human Values – Association for the Study of Food & Society**
June 7-11, 2006 in Boston, MA, USA
- **Eursafe 2006: Ethics and the Politics of Food** – European Soc. for Ag. & Food Ethics
June 22-24, 2006 in Oslo, Norway
- **Amer. Soc. Anim. Sci. / Amer. Dairy Sci. Assoc.** – Joint meeting
July 9-13, 2006 in Minneapolis, MN, USA
- **Amer. College of Vet Behaviorists / Amer. Veterinary Soc. for Animal Behavior**
July 16-17, 2006 in Honolulu, HI, USA
- **Poultry Science Association** – Annual meeting
July 16-19, 2006 in Edmonton, AB, Canada
- **International Society for Behavioral Ecology** – 11th International Congress
July 23-28, 2006 in Tours, France
- **Animal Behavior Society** – Annual meeting
August 12-16, 2006 in Snowbird, UT, USA
- **European Conference on Behavioural Biology** – Mechanisms in behavioural ecology
September 4-6, 2006 in Belfast, UK
- **American Academy of Pain Management** – 17th Annual meeting
September 7-10, 2006 in Lake Buena Vista, FL, USA
- **International Academy of Veterinary Pain Management** – Annual meeting
September 13-15, 2006 in Santos, SP, Brazil
- **Quality of Life: The Heart of the Matter** – A UFAW & British Veterinary Association
Ethics Committee Symposium
September 13-15, 2006 in London, UK
- **International Equitation Science Symposium** – 2nd meeting
September 18-19, 2006 in Lodi, Italy

- **European Society of Veterinary Clinical Ethology**
September 22, 2006 in Ghent, **Belgium**
- **Lameness in Ruminants** – 14th International Conference
November 8-11, 2006 in Colonia, **Uruguay**

2007

- **XXX International Ethology Conference**
August 15-23, 2007 in Halifax, NS, **Canada**

ISAE Council for 2005-2006

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