
Association News

Providing travel assistance for young WPSA members and students to participate in regional and global WPSA conferences

The Association has funds set aside for a limited number of travel grants. These are to provide international travel assistance for young WPSA members (both scientists and poultry producers) from developing countries and students from developed countries to

attend and participate in regional and global WPSA conferences.

The application conditions and the application form can be downloaded from the website (www.wpsa.com).

WPSA Travel Grant programme for older scientists (>40 yrs) from developing countries

For many years, the WPSA Board has supported a travel grant programme for members 40 years of age and younger, to enable them to attend international WPSA-sponsored meetings in other countries. Application for these grants is open to WPSA members from both developing and developed countries. It is recognised that older scientists from developing countries, even those in relatively senior positions, frequently have considerable difficulty in finding funds to attend international meetings. It is even more difficult for scientists in this age group who have only recently obtained a higher degree. Because of the lack of available training opportunities, many scientists in developing countries are near to 40 by the time they obtain a higher degree and be in a position to present their work at international meetings. The value of interaction with other scientists with similar interests and expertise, is well recognised.

It is for these reasons that WPSA has instituted a new travel grant programme to assist older (>40 years) WPSA members from developing countries to attend and present a paper (oral or poster) at international meetings. The programme is designed to

provide some financial assistance, NOT to cover the entire costs of the travel to and attendance at the meeting in question. As a not-for-profit organisation, WPSA has limited funds to allocate towards the programme, which means that the number of grants and the size of the individual grants, will not be great. Successful applicants are encouraged to use the grant as leverage in application for additional funding from the applicant's institution or other bodies. The programme is competitive and applicants are required to provide information about their research, and current status and about their planned contribution to the meeting in question, as described below and on the application form. Successful applicants will be expected to provide on their return, a brief report on the meeting and on the benefits derived by their attendance.

All applications will be assessed by a travel grants assessment committee set up under the WPSA Board. The committee will make its recommendations to the Secretary, who will advise the applicants in due course. The application conditions and the application form can be downloaded from the website (www.wpsa.com).

WPSA Speakers Bureau Fostering local and regional conferences in the poultry sciences

During the 34th meeting of the Board of WPSA on August 20, 2000 in Montreal, Canada it was recognised that expertise in several areas of poultry science and production in low income countries is often very limited, and WPSA branches in these countries often do not have sufficient financial resources to fund overseas speakers.

To address this problem, the Board created a Speakers' Bureau to assist branches in low income countries to cover the travel costs of expert international speakers. This measure is consistent with the key objective of WPSA to encourage and facilitate liaison among research scientists and educators, and between those in research and education and those working in the many diverse sectors of the poultry industry. Under the Speakers' Bureau scheme, WPSA will pay only the cost of air travel (lowest economy class). All other expenses such as local travel and accommodation are to be paid by the organizing Branch(es). WPSA will not pay any honorarium to speakers.

Given the high cost of international air travel it is important that optimum value be obtained from this expenditure by WPSA. This can be achieved by insisting that the visiting speaker provides more than just one paper at a conference. The visiting speaker could contribute in a variety of ways, e.g., present a second paper on a related topic, conduct a workshop for graduate students, have small group or one-on-one interaction, especially with students, visit industry groups, visit university groups, etc.

Unless the Branch (or group of Branches) can pay all the speakers' costs itself, a speaker should NOT be invited until approval of Speakers' Bureau funds is made by the WPSA Executive Committee. The Branch(es) should not assume that approval will be given until so advised by the WPSA Secretary. Where a Branch or a group of Branches wish to apply for Speakers Bureau assistance, there are certain conditions which must be met:

Application conditions

Application must be made using the WPSA Speakers' Bureau application form.

Application must be submitted at least 2 months prior to the meeting.

The speaker must contribute more to the meeting and/or branch than just presenting one paper.

Following approval, the speaker or the local Branch will be reimbursed by the WPSA Treasurer after the meeting.

A maximum of 2 speakers will be sponsored from the Speakers' Bureau per meeting.

The Branch(es) must be up-to-date with their membership payment.

Full details and application forms can be obtained from the WPSA secretariat (wpsa@xs4all.nl) or you can download the application forms from the WPSA website (www.wpsa.com).

The completed application forms should be sent by e-mail to wpsa@xs4all.nl or by fax to: +31 207 508 941

Foundation for Promoting Poultry Science Stichting Bevordering Pluimveewetenschappen

The XIX World's Poultry Congress, held in September 1992 in Amsterdam, was financially successful. This outcome was, to a large extent, due to the contributions received from the 16 main sponsors and over 2500 participants. The terms of reference of the Congress Organizing Foundation required that any credit balance that

resulted after all liabilities had been met should be made available to the Dutch Branch of WPSA as initiator of the organization of the Congress. As a result, a Foundation for Promoting Poultry Science (Stichting Bevordering Pluimveewetenschappen) was founded. The general objective of this foundation are "to

promote the developments and propagation of poultry science in WPSA-structures, and specifically:

1. the stimulation of international congresses and the promotion of participation in these events, and
2. the support of initiative having the objective of establishing WPSA-branches in countries which do not yet have them”.

Individuals and organizations may apply for financial support for appropriate WPSA activities such as conferences, congresses and symposia. Applications for financial support of conferences, congresses and symposia should be forwarded through the local WPSA Branch.

The Foundation has a particular interest in assisting in the process of establishing new WPSA branches and therefore supports these branches by covering for three years part of

the membership fees. Individuals and organizations may apply for financial support by contacting Ir H. Hupkes, Odijkerweg 37, NL-3972 NE Driebergen, The Netherlands, e-mail: h.hupkes@zonnet.nl. An application form will be send on request.

The Board of directors of the Foundation meets three or four times a year. In case of requests for financial assistance to attend conferences, congresses and symposia, applications should be received by the secretary at least 3 months before the meeting.

Application forms should be filled out completely and can be send through e-mail and fax. An original application form should be send by regular mail.

It is the Boards policy not to fund individual applicants more than 2 times.

WPSA Website: www.wpsa.com

The WPSA website provides much valuable information about the organisation and activities of the Association, its regional federations and country branches. In addition there are regularly updated news reports from branch meetings, conferences and symposia organised by the specialist Working Groups, as well as a calendar of future events.

In order to keep it regularly updated, the Association welcomes information and pictures from Branches, Regional Federations and Working Groups concerning activities of the various WPSA organisations, as well as news about appointment of officers and members.

Please send your information to Mrs D.M. Kleverwal, e-mail wpsa@xs4all.nl.

World's Poultry Science Journal – Digital Archive

Access from the first issue in 1945 until 2003 online – a total of 240 issues!

Volumes 1 – 59 of World's Poultry Science Journal are now available on Cambridge Journals Online. The archive is fully searchable by keyword and author; abstracts can be saved and e-mailed, full text articles printed and bibliographic details exported into reference management software. Perpetual Access is available for a one-off fee of just £500/\$995*.

For further information, or to purchase the WPSJ Digital Archive, please e-mail jnlsales@cambridge.org.

*For those who do not subscribe to the current volume, there is an additional annual maintenance fee of £45/85, payable from the second year of the deal.

www.journals.cambridge.org/WPS

E-mail WPSA Newsletter

WPSA has introduced a new version of the WPSA Newsletter that will be e-mailed to individual members, on request. To receive

this, please subscribe to the e-mail Newsletter on the website (www.wpsa.com).

Poultry Welfare and Management meeting (WG9)

WG9 met in Antwerp, Belgium, for the annual meeting kindly hosted by the Belgian branch at the 'Experimental Poultry Centre from the province Antwerp'. The participants had a very interesting discussion about several topics. The main issue was the set-up of the programme of the next Symposium to be held in Ploufragan (Brittany, France) in 2017, June 19-23rd (<http://www.poultrywelfare2017.com>).

Moreover the group decided to generate some guidelines to help the National Branches in their proposals for the candidate to join the WG9. The main reason is to improve knowledge and expertise within the group, but at the same time to try to have not a too big group (maximum 40 people).

The group generally agreed that the main criteria for membership are that members are active and contribute to the group, either by

attending our annual meeting or by communicating by email or other means and by submitting a country report. Criteria for joining the group are to be able to communicate in English and have an appropriate competency in poultry welfare (which is not restricted to research only).

The Danish representative informed the group about a two week course on poultry production and health for PhD students (and possibly master students) in October 2016 (see: <http://projects.au.dk/poultry-production-and-health>).

The group decided to have a web meeting to finalize the programme of the Symposium after the abstract review. Attendees had an interesting visit to the new poultry facility of the Experimental Poultry Centre.

Branch News

Cameroon

A general meeting of the Cameroon branch was held on April 15, 2016 under the chairmanship of President, Prof Tegua Alexis surrounded by his executive board. The aim of this meeting was to evaluate the activities of the national branch and to launch a road map for the branch. During this meeting, various activity reports were presented by the Secretary, Prof Fotsa Jean Claude, as well as a financial report by the Treasurer, Dr Zambou Henri Rene. After deliberations on the necessity for the Cameroon branch to be more visible, both at the national and international levels, than it has been for the past few years, the board reviewed and adopted a road map as follows:

- Encourage the publication of scientific results of members working in the various Poultry Science domains, including feeds and feeding, genetics, management, poultry welfare and health, etc.;
- Organise more conferences and seminars in major production areas namely West, Littoral and Centre, in order to capture the attention of more poultry stakeholders;
- Take the lead on outreach for Poultry Science and production activities in the

Central African Sub region and contact colleagues in other Central African nations for joint activities;

- Actively participate in the upcoming National Poultry Forum organised by the Ministry of Animal Husbandry, Fisheries and Industries, that will be held in the Yaounde Congress Center in November 2016;
- Help young lecturers and researchers to improve their scientific production;
- Increase WPSA-CMR Branch membership and have membership fees paid to the WPSA headquarter on time.

Prof FOTSA Jean Claude, Secretary of Cameroon Branch

Germany

In March more than 100 members and interested parties came to Köthen, a small city near Leipzig, to participate in the annual meeting of the German Branch. Activities of the past year were reviewed during the business meeting. Based on the branches sound financial status, we will again support young scientists from Germany with travel

grants to encourage their participation at the WPC2016 in Beijing.

Following a witty guided tour through the Johann-Sebastian-Bach City of Köthen, part of the tour was performed by costumed medieval washerwomen, the day ended with a dinner in the relaxed atmosphere of the Köthener Ratskeller. For those of you who are not aware, the photograph shows what the washerwomen looked like!



Interesting presentations with veterinary, nutritional, egg handling and economic topics and fruitful discussions thereafter were part of the well-attended scientific programme on the second day. In the afternoon Leo Graf von Drechsel and his team from Wimex organised a very interesting programme to visit either a parent stock farm or the new veterinary lab 'Praxis Müller-Molenar & Todte'.

The next annual meeting will be held in March 2017 in Hannover.

Anke Forester, German Branch Secretary

Hungary

The Hungarian Branch of WPSA helped host a 'World Poultry Day' on May 10, 2016. This series of events for the World Poultry Day in Hungary was organised by the WPSA Hungarian Branch and by the Poultry Product Board (BTT). Through this event our poultry organisations wanted to show that the poultry

sector is becoming a much more important factor in the nutrition of the Hungarian people as well as for people in the rest of the World.

Several years ago, the Poultry Product Board urged a number of international organisations to designate the 10th of May as the World Poultry Day. That idea was supported by the Association of Poultry Processors and Poultry Trade in the EU (AVEC), by the International Poultry Council (IPC), and also by the scientific world organisation of the poultry sector, the World's Poultry Science Association (WPSA). As a result of this, the events of the first World Poultry Day were organised by the WPSA and BTT in Hungary.

The venue for the World Poultry Day was the Vajdahunyad castle in Budapest, where presenters described the current poultry situation, as well as future possibilities for the development of the poultry sector in Europe. The Secretary of the State Ministry of Agriculture, György Czerván, and also a representative of the National Chamber of Agriculture (NAK), attended the event.

The aim of the World Poultry Day was to direct attention to the growth and undertakings of the worldwide poultry sector, which are playing a more and more important role in the world's food supply. The conference was opened by Peter Horn, a member of the Hungarian Academy of Sciences, and President of the Hungarian Branch of WPSA. The conference room was crowded with poultrymen, including experts from every part of the industry. Dr Attila Csorbai, President of the Hungarian Poultry Product Board, announced that the Poultry Product Board has established a special World Poultry Day Award for The Hungarian Poultry Industry. Peter Földi, the current Secretary of the Hungarian Branch of WPSA was named the first recipient of the award.

Presentations

Pedro Medel, Executive Director – Imasade Agroalimentaria, S. L.

The primary challenges that chicken meat has got to face in Europe

Poultry meat will be the type of meat produced and consumed in the highest proportion within a few years, and in fact it is already the number one meat produced today in certain countries and regions. European broiler producers produce high level quality products. Welfare, food safety, and environmental requirements

are stricter in Europe than in much of the rest of the World, and consequently European production costs are higher.

Dr Sergey Shabaev, president, Eurasian Poultry Association:

Past, present and future of the Russian poultry industry

Poultry production has been an important sector in Russia for a long time. The poultry industry is currently a very dynamic and developing industry. Russia produces 4492 thousand tons of meat, and the member states of CIS produce six million tons. Egg production is 42.5 billion in Russia, and the member states of CIS produce 78 billion eggs.

István Tresó, Executive Director, K&H Bank Business development department for Agro and Food Industry: *Looking at the poultry industry with eyes of a financier*

The Hungarian poultry industry is a very important sector for the K&H Bank. The Hungarian poultry industry is highly integrated, with controlled production line. The Hungarian poultry enterprises are generally small or medium in size, compared to many international enterprises. Half of Hungary's poultry production is currently exported, and the future success of Hungarian poultry exports will depend upon the uniformity and quality of its products.

Near the end of the Hungarian World Poultry Day, Dr Sergey Shabaev, President of the Eurasian Poultry Association, and D. Attila Csorbai, President of the Hungarian Poultry Product Board signed a Cooperation Agreement.

Peter Földi, Secretary, Hungarian Branch

Israel

The 51st annual Poultry Science Conference of the Israeli Branch was held in the Ramada hotel in Jerusalem at the end of May 2016. During the three day conference, 60 presentations in 16 sessions covered all poultry science disciplines: Health; Nutrition; Immunology; Reproduction, Incubation and Physiology; Product Quality; and Production of broilers, layers and turkeys. Round table discussions focused on issues concerning the poultry industry in Israel: regulatory reforms affecting egg and meat production, as well as quality and safety of poultry products.

The conference was honoured with two overseas guests: Prof Shai Barbut from Guelph University (Canada) who shared his experience and vast knowledge in the field of poultry meat processing, and Dr Nigel Horrox, the President of the World Veterinary Poultry Association who discussed the role of the Veterinarian in Poultry Industry at present and in the future.

A special award of appreciation was given to Dr Rami Lam for his contribution in the field of Poultry Products Quality and numerous activities in the Israeli Branch of WPSA.

During the conference, 26 Israeli companies presented their unique products for the poultry industry: pharmaceuticals, feed additives, housing equipment, climate control, etc.

The conference was attended by approximately 500 participants: poultry producers, representatives of commercial companies serving the poultry industry, poultry veterinarians, extension specialists and scientists from the academia and research institutes.

The evening social activities included musical performances and a lecture on Israel's current events by a popular TV journalist/commentator.

Yitzhak Malka

Secretary - WPSA Israel Branch

Japan

The 2016 Spring Meeting of the Japan Poultry Science Association was held at Nippon Veterinary and Life Science University at Musashino, Tokyo, on March 30. The meeting included a total of 58 paper presentations and luncheon seminars as well as council and general meetings.

During the Spring Meeting, four awards were given under the category of 'students' or 'members aged 30 or below' for the following excellent presentations: 1) 'Biochemical and functional analysis of membrane rafts in chicken sperm' by Ai Ushiyama (Tsukuba University); 2) 'Dynamics of L cells along the crypt-villus axis in the chicken ileum' by Kei Nishimura (Shinshu University); 3) 'Effects of trehalose added feed on cooked odours in broiler thigh meat' by Shoji Kakuta (Hayashibara Co., Ltd.); and 4) 'Characteristic expression on carbonic anhydrases-4 in the eggshell gland of laying hens under heat stress conditions' by Yuuki

Hosokawa (Tokyo University of Agriculture and Technology). JPSA congratulated the presenters who archived the excellent presentation awards for the Spring Meeting, 2016.

The luncheon seminar was entitled 'Development of LED house management system to improve productivity of meat-type chickens', and it was presented by Dr Kazuhisa Honda, Graduate School of Agricultural Science, Faculty of Agriculture, Kobe University. More than 60 scientists attended the luncheon seminar, and an active discussion was held after the presentation.

In addition, new board members for JPSA were elected during the general meeting for serving over the next two years. Dr Kazuaki Takahashi (Yamagata Prefectural Yonezawa University of Nutrition Sciences) was elected as the new president of JPSA. Dr Naoki Goto (ISA, Hendrix Genetics Group) and Dr Mitsuhiro Furuse (Kyushu University) were also elected as the new vice presidents of JPSA.

The 2016 Autumn Meeting of JPSA will be held at Mokusei Hall in Shizuoka city, hosted by Shizuoka University during 15–16 September. The meeting will contain an open symposium, as well as council and general meetings. The tentative title of the symposium is 'The current state of embryo engineering and DNA recombination technology in fowls, and its new development for the industries'.

Naoki Goto, Secretary of WPSA Japan Branch

Malaysia

The committee members of WPSA (Malaysia Branch) organised the Poultry Seminar on 16 February 2016. This seminar was held at the Faculty of Veterinary Medicine, Universiti Putra Malaysia with the theme of 'Poultry Production and Health'. This seminar was organised with the cooperation of World Poultry Science Association (Malaysia Branch), World Veterinary Poultry Association (Malaysia Branch), UPM, DVS, and Malaysia Flour Mill Berhad. The seminar provided a platform for scientist, academicians, livestock producers, veterinarian, policy makers and livestock extension officers to discuss matters relevant to the industry, as well as enhance networking within the industry. The seminar was officiated by Datin Paduka Prof Dr Aini Ideris and closed by Prof Dr Zulkifli

Idrus. Four speakers from University of Arkansas and UPM were present covering the topics of production, nutrition and health of poultry. These speakers were Prof Dr Anthony N.B., Prof Dr Mohd Hair Bejo, Prof Dr M.T. Kidd and Dr Thomas E. Bowen. There were 189 participants from WPSA and WVPA registered for the seminar. The organisers would like to thank the Malayan Flour Mill Berhad for sponsoring meals during the event.

Russia

Poultry breeder forum in Lipetsk

The International poultry breeder forum was held at Lipetsk town on May 23 to 27, 2016. The forum theme was 'Innovations in production are poultry enterprise effectiveness guarantee'. The Russian Poultry Breeding Union and FNTS 'VNITIP' RAN were the event organizers, and OEZ 'Lipetsk' and 'Terbuny' provided the Forum platform. The world poultry cage equipment market leader the 'Texha' plant and the premix production plant of 'MegaMix' company are based here.

The extensive programme was prepared for participants from domestic and foreign poultry expert reports. The Texha company plant visit was provided during the event, showcasing its design office and cage equipment. The forum participants were shown the robotic complex for poultry automatic un-loading.

"We bought these cages in Italy, in Germany and in The Netherlands until recently, and this plant start-up will be the outlet in this respect. But we must not stop, we must go forward constantly", – the 'Rosptitsesojuz' president Vladimir Fisinin commented.

The company share at Russia market is 10 percent now. "Our plan is to reach 50 per-cent", – the 'Texha' General Director Serguey Gromov said in his report. The company workers consider this aim to be 'attainable and real' as they believe in the Russian poultry development prospects. The main event took place within the forum on the May 26, with the opening ceremony provided by 'MegaMix' – a new producing complex for premix production. Some Lipetskaya region leaders took part in the complex opening, with Yury-Bozhko, acting as Lipetskaya region administration head, Nikolay Taguintsev, the deputy region head, Serguey Ivanov, the Lipetsk head, and also Vladimir Fisinin, the Russian Poultry Breeder Union president, and Serguey Barabanstchikov, the

Terbun district head. "The main goal is not that we start-up the plant simply, but that we start-up the most innovative plant. After all, it is important not only to bring in premix vitamins and micro minerals but to make the high quality homogeneous mixture" the 'Rosptitsetsojuz' president academician Vladimir Fisinin emphasised.

The Agriculture Minister Alexander Tkachev noted the importance of this plant for Russian agriculture on the eve of the Forum opening at the enlarged meeting of Agricultural Ministry total commission on May 25.

Tatiana Vasilieva

United Kingdom

The WPSA UK branches annual meeting was again held at the University of Chester. About 80 delegates attended the meeting and listened to a varied programme of over 25 papers, many offered by young, enthusiastic researchers. The invited speakers session heard Mike Toscano of University of Bern, Switzerland discuss aspects of bone health (and ill health) in the modern laying hen, and Peter Kettlewell of SRUC considered methods of protecting poultry during transport, balancing welfare and economics.

The annual joint session with BSAS considered the intriguing topic of 'Big Data in practice', with thought provoking presentations from Helen Masey O'Neill of AB Agri, and Dr K. Mertens of Prophyrio NV Belgium.

A further highlight of the meeting was the presentation of the Gordon Memorial Lecture. This was delivered by Prof Michael Hess of the University of Veterinary Medicine, Vienna, Austria with the title of 'Commensal or pathogen in chickens – a challenge to fulfil Koch's postulates'. Prof Hess discussed the need for application of science to establish and confirm the role of specific pathogens in disease syndromes.

The Spring meeting is also an opportunity to recognise the contributions of the participants and this led to a record numbers of prizes and awards, that were given in recognition of the quality of presentations, both oral and as posters:

Presidents Prize (£100):

Oral: Brendan Duggan – Roslin Institute & R (D)SVS

Poster: Lucy Hood – Harper Adams University

Special Recognition Awards (£50):

Oral: Angus Reid – Roslin Institute & R(D) SVS

Poster: Joanne Atkinson – Northumbria University, and Jalil Abdulla – Harper Adams University

Congratulations to these winners and all those who presented in Chester to ensure the high standards of excellence for which our Meeting is becoming increasingly renowned for.

Attracting applicants for our Summer Scholarships and Research Awards is another challenge, but the excellent presentations from past winners and confirmation of successful applicants for this year's awards demonstrates that the recipients and membership benefit greatly from this initiative. Our ongoing challenge is to retain this enthusiasm and promote WPSA and the wider poultry industry as an interesting and sustainable career option for young researchers.

This year WPSA UK has awarded the following Summer Scholarships:

Melissa Zigler (Roslin): Evaluating the effect of ovodefensin variants as alternatives to antibiotic growth promoters (part of a larger BBSRC Link project). Ceara Suther (Glasgow University): Are the precursors of the egg shell cuticle retained in the secretory granules of the non-ciliated cells of the shell gland of laying hens after a premature oviposition (part of a BBSRC project focusing on the genetics and physiology of cuticle deposition in meat and egg type chickens.

Jessica Stirling (Roslin): Mapping neuronal circuits underlying maternal behaviour in the chicken brain.

Ben Brown (Roslin): The developmental programming of bone growth in Japanese quail using a prenatal CORT exposure protocol.

Alex Desbruslais (Nottingham Trent University): Investigating the absorption and utilisation of silica in young broiler chicks.

Steve Lister, UK Branch Secretary

USA

Dr Mark Lyte of Iowa State University was the invited speaker for the WPSA Canada-USA Lecture on July 13, 2016 at the meeting of the Poultry Science Association (<http://www.poultryscience.org/psa16>) which took place at the Hilton New Orleans Riverside in New Orleans, LA. Dr Lyte's lecture: 'Microbial Endocrinology: Why the Intersection of Microbiology and Neurobiology Matters to Poultry Health' was thought provoking and generated great interest to the audience – providing as it did, a new aspect to the importance of gut flora beyond gut health and disease control.

The USA branch again conducted the Cliff D. Carpenter Essay Contest. The topic of the essay was: 'Can Poultry Feed the World in 2050?' The three students who best addressed the topic will receive travel grants of up to

\$2,000 to attend the World's Poultry Congress September 5-9, 2016 in Beijing, China.

Keeping with the theme of the World's Poultry Congress, travel grants are available to individuals who are presenting papers (oral or posters) at the scientific sessions in Beijing. In order to be eligible for a travel grant of up to \$1,000, the individual must be a current member and have paid dues in 2015; in addition, the individual must have an abstract which has been accepted for presentation at the meeting.

We are planning for a successful World's Poultry Congress in Beijing on September 5–9, 2016. Information can be found at: <http://www.wpc2016.cn/>. The deadline for submission of abstracts was in March 2016.

Ernie Pierson, President, USA Branch

Bob Buresh, Secretary, USA Branch