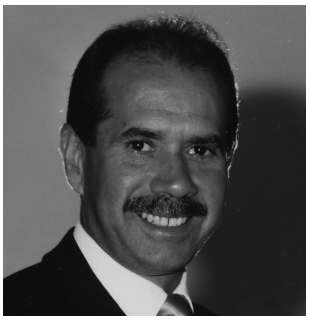
# XXIV Worlds Poultry Congress

## Prof Edir N. Silva, the new President of the WPSA



Dr Edir Silva graduated as a veterinarian from the Federal University in the State of Minas Gerais, Brazil, in his home town Belo Horizonte, in 1972. He spent most of his academic years in a research training programme for undergraduate students on microbiology and poultry diseases. Following graduation, he joined the College of Veterinary Medicine (FMVZ) of the State University of Sao Paulo (USP) working as a microbiologist on the diseases of poultry where he was involved in research, teaching and extension programmes for the poultry sector. The Poultry Diagnostic Laboratory at the FMVZ-USP was one the most active labs in a steadily growing period in Brazil's most important poultry producing state.

For 18 years (1973-1990) Dr Silva lectured on diseases of poultry to veterinarian students, and provided extension services for the poultry industry under FMVZ-USP supervision, before moving to another sister university (State University of Campinas - Unicamp). At Unicamp, he taught food hygiene and safety in poultry products until his retirement in 2007 as a full professor.

Over his entire career his research focus was primarily on salmonellosis as a poultry disease, and on the public health problems associated with it, looking for diagnosis methodologies and control measures. In this area and related fields he has supervised many undergraduate and graduate students (both MSc and PhD). His own MSc in 1976 and PhD in 1978 (both at USP) were both focused on his area of study; poultry microbiology and immunology.

Dr Silva's first contact with WPSA was when his adviser and sector's Chair at FMVZ-USP took the position as President of the Scientific Committee for the WPC1978 that was held in Rio de Janeiro, Brazil. Dr Silva's group contributed 16 papers at the 1978 Congress that were presented orally or as posters. For some of them he was the senior author, and for others he was a co-author.

From 1979-80 he served as a visiting professor in the poultry research group at the University of Massachusetts, in Amherst, MA, working on the production of a vaccine for fowl typhoid.In 1981, as a consultant, he was invited to chair the technical department of the newest formed Association of day-old chick producers (Apinco). Apinco is based in the city of Campinas, SP (100 km from the city of SP), where he organized, in the same year, the first Seminar on the 'Quality of Day-old Chicks'. Some simple rules were established such as, lectures on practical driving problems, keeping on time, no sponsors guiding the guest speakers and uniform format of presentation. The immediate success of the seminar ensured it become an annual event. Later, it became the most recognised Brazilian poultry conference under a Foundation umbrella named FACTA (www.facta.org.br) that represents the WPSA Brazilian Branch. Besides the Annual Conference, Facta organises many training courses, seminars and has published several technical teaching books - one of the latest (2009) is Diseases of Poultry with 1,104 pages and 78 authors, and Dr Silva is one of the five editors. The Brazilian Poultry Science Journal (ISSN1516-635X) has been published quarterly in English since 1999 under Facta's coordination. Since that time Dr Silva has also been serving on the Facta executive committee, having served as its President during the most recent term.

As an entrepreneur, in 1981 Dr Silva joined three other young and enthusiastic partners to establish a poultry vaccine company and was to serve as its director of R&D. This company later became one of the leading vaccine companies in Brazil. The company was sold in 1996 to a multinational enterprise, with a portfolio of 36 licensed products, including vaccines for pets and pigs. Dr Silva



https://doi.org/10.1017/S0043933912000967 Published online by Cambridge University Press

then stayed out of the vaccine business by signed agreement with the buyers for five years. During that period, he established and ran by himself a private poultry diagnostic laboratory. Following the five year period, he returned to the vaccine and probiotic market for poultry establishing two additional laboratories.
Due to his intense poultry interests and activities, he has attended poultry meetings all over the world, presenting papers and lectures as an invited guest at many of them. Serving as a researcher and consultant for the poultry industry worldwide, he has received many awards.
In 1998 he led a team to re-establish the Brazilian Branch of WPSA, and he became the Branch President. He provided leadership for the presentation of a bid at the WPC2000 in Canada to host the WPC 2008, but Australia received the most votes. Bidding again at WPC2004 in Turkey, the Brazilian branch got the position to host the WPC2012.
In his term as president of WPSA (2012-16) Dr Silva has proposed to use Brazil's recent development of the poultry industry as a model to help stimulate science and technology as a basis for poultry production in the southern and eastern African Countries through their WPSA Branches, as a continuation of the work initiated by the past president Dr Bob Pym. The Federal Brazilian Agricultural research institution (Embrapa) has already shown their willingness to be involved in this proposal. The inclusion of FAO would be a highly recommended approach. Also, cooperation with well known international poultry exhibition organizers and other poultry technical diffusion organizations around the world would be sought. The purpose is to organize satellite technical seminars and training courses under the WPSA umbrella and label, using all contacts and expertise on its home list.
Dr Silva is very excited about being able to work with the WPSA officers on the continued improvement of WPSAs presence and activities around the world.

# President’s report

I am extremely proud to have been elected the new term president (2012-16) at the WPC2012 Council Meeting. It is going to be a very rich and valuable experience for me to work with such a highly qualified group of WPSA Board members:

**New WPSA officers and XXIV WPC2012 - Brazil**

Three new Board members were elected during the WPSA Council Meeting in Salvador: Dr Werner Bessei (Germany), was elected as the Senior Vice-President; and, Dr Sacit (Sarge) Bilgili (United States of America) and Dr Juliet Roberts (Australia) were elected as new Vice Presidents. Dr Rob Gous (South Africa) and Dr Michèle Tixier-Boichard (France) will continue to serve on the Board as vice-presidents. Treasurer, Dr Francine Bradley (United States of America) and General Secretary, Dr Roel Mulder (The Netherlands) will continue serving in their respective offices. Alan Gibbins (New Zealand), and Yves Nys (France), will also continue their service as the Presidents of the Asian Pacific Federation (APF) and European Federation (EF), respectively. Also continuing on the Board will be Dr Lucy Waldron (New Zealand) as the Editor of the World’s Poultry Science Journal, Dr Ning Yang (China) as the representative of the WPC2016, and Dr Bob Pym (Australia), as immediate past-president. Dr Gerald Havenstein (USA) will also continue to serve as the volunteer Editor of the WPSA Newsletter.
I personally look forward to our new officer's support in managing the Association. We will operate under guidelines set forth by the new Constitution and Bye-laws reviewed during the past four years, under Bob Pym's leadership. We are all looking forward to the future with a strong, well prepared WPSA.
WPSA also thanks Dr Rüveyde Akbay (Turkey), and Dr Colin Whitehead (UK), retiring Board members, for all of the work that they have done on behalf of WPSA during their terms as Board members.
I would especially like to congratulate the French Branch of WPSA for its winning bid to hold the 2020 World Poultry Congress. The XXV WPC will be held in Beijing, China in 2016, and I wish them every success in the planning and conduct of that Congress. Those two branches have



https://doi.org/10.1017/S0043933912000967 Published online by Cambridge University Press

assumed the responsibility for helping lead the organisation forward, moving the WPSA from one strength to another.

It was an exciting task for the Brazil Branch to organize the WPC2012 held in Salvador, Bahia, Brazil from 5th to 9th of August. The experience gained must be used to improve future Congresses. I hope the participants enjoyed and benefited from the Salvador Congress and from their other experiences in Brazil, with everyone taking something away. It should enable all participants to continue their commitment and enthusiasm for the WPSA and all of its future events.

The Salvador Congress would not have been possible without a dedicated team of organisers, and their hard work for more than the last four years, and without the support of WPSA members from all over the world who helped with the scientific and other programmes. Last, but not least, I want to give very special recognition to all of our Congress sponsors. Without their support this event would not have been possible. I would also like to thank all of you on behalf of the Brazil Branch, the international body of WPSA for registering and participating in the Congress. I would also like to thank the participants in the Young Scientist and Student programmes, for their participation and enthusiasm. I hope their time in Brazil stimulated them, and that it will help their professional development and will continue to help them grow in their respective fields.

There were approximately 2,200 delegates from 96 different countries and six continents represented at the Salvador Congress. The programme consisted of three and half days of full scientific sections running from 9.00 AM to 4.00 PM. There were invited papers in all 11 sections and 73 invited speakers presented their research. Approximately 1,400 papers were submitted; 200 of them as oral presentations and the remainder as poster presentations.

The poultry exhibition hall was located at the same venue as the scientific sessions and was open from 12.00 to 7.00 PM. Approximately 160 exhibitors displayed their latest products and services. There was also an excellent atmosphere to promote education in the field of poultry science for students and extension services, interaction between guest speakers, student groups and scientists, producers and industry.

WPSA must look to the future and towards facing the challenges involved with the global expansion of poultry production. It needs to continue promoting the global advancement and dissemination of knowledge in all aspects of poultry science and technology. This must be aligned with government policies as a basis for sustainable production and growth. Along with this expansion, small scale poultry farming must also survive because poor families in many countries will continue to depend upon that kind of production for their survival.

*Edir Silva, President*

# WPSA Awards 2012

To mark the success of the 1992 World's Poultry Congress in Amsterdam the Netherlands Branch of the World's Poultry Science Association established a series of special scholarship awards. The awards, worth € 11,000 (currently about US$ 14 500) are normally made in each of three categories representing the WPSA's three main areas of activity: Research, Education and Industry/ Organization.

The Foundation for Promoting Poultry Science of the Netherlands Branch of the World's Poultry Science Association announced the fifth group of winners of these awards for 2012 at the XXIV World's Poultry Congress in Salvador, Brazil.

In 2012, the awards went to Dr Jae Yong Han (Korea Republic) for research and to the Australian Poultry Cooperative Research Centre for education.

No awards were made this year in the Industry/Organization category.

**Research award**

For the past two decades, Dr Jae Yong Han's major researches are avian germ cell biology and avian transgenic biotechnology. In his laboratory of Animal Genetic Engineering in Seoul National University, Korea, the analysis of specific gene expression patterns and regulation networks in chicken germ cells are conducting to figure out the mechanisms of avian germ cell development and differentiation. Dr Han has been focusing on the better understanding of the physiology of

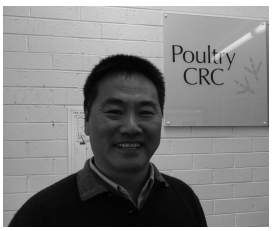


https://doi.org/10.1017/S0043933912000967 Published online by Cambridge University Press

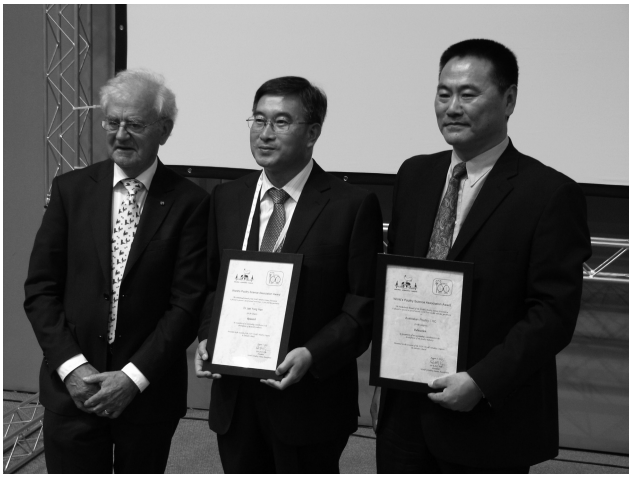


primordial germ cells (PGCs) and germ cells *in vitro* and *in vivo* using a chicken model. His lab has developed *in vitro* culture system of chicken PGCs and subsequently, established micromanipulation technology to elucidate the biology of avian germ cells in the fields of molecular expression and chimera production. His lab has also established chicken embryonic germ (EG) cell-derived pluripotent stem cells which are able to differentiate into various cell types of three germinal layers. Production of germline chimeras using chicken EG cells was an additional achievement. Based on knowledge of germ cells in avian species, he has reported the efficient transgenic system for bioactive compounds production and validation as well as improvement of economic traits for poultry industry. The award will enable him to provide stipend for graduate students, and also supportive for the presentation of data at conferences.

**Education award**




The Poultry Cooperative Research Centre (CRC) was established in 2003 and, after a successful seven-year first term, has received an extension through to mid-2017. Thirty-six Australian and international organisations participate in the Poultry CRC, permitting the CRC to cover over 95 percent of the Australian poultry industry. The CRC model encourages strong collaboration between industry and research organisations, ensuring innovative science is used to deliver practical outcomes to the poultry industry. The Poultry CRC's research programmes are: health and welfare; nutrition and environment; and safe and quality food production. To date, Poultry CRC research activities have resulted in several novel vaccines, including a new live-attenuated vaccine against fowl cholera (Vaxsafe® PM), six patents and 28 rapid diagnostic tests. The Education Programme of the Poultry CRC has resulted in a major contribution to poultry-related education and training by targeting four key areas; University, Vocational Education and Training (VET), School, and Public education. Sustainable educational outcomes, such as the informative PoultryHub website, will be a significant legacy of the Poultry CRC.



**The Chairman of the WPSA Scholarship Awards Committee, Dr P.C.M. Simons (left) and the two award winners for 2012, Dr Jae Yong Han (middle) and Professor Mingan Choct of the Australian Poultry CRC (right).**



https://doi.org/10.1017/S0043933912000967 Published online by Cambridge University Press

# Minutes of the Meeting of the Council and General Assembly of the WPSA held at 16.30 hours on Wednesday, August 8th 2012 at the Iemanjá Balcão Room at the Convention Centre Bahia, Salvador, Brazil

1. **Welcome by the President**
   The President welcomed all representatives of Branches and members of WPSA.
   Former Board members and members of the Hall of Fame who have passed away in the last four years are: Dr A.W. Brant (former Treasurer and IPHF), Dr D.L. Fletcher (IPHF), Mr A.W. Jasper (former President and IPHF), Prof J.F. Jensen (former President of the European Federation and IPHF), Dr P.D. Lewis (former assistant-Editor), Prof T.R. Morris (former Vice-President and IPHF) and Dr W.J. Stadelman (IPHF).

2. **Apologies for Absence**
   No apologies for absence were received.

3. **Roll Call**
   A Roll Call of Branches was held. 48 Branches had representatives in attendance.

4. **Minutes of the last Meeting of the Council**
   (held in Brisbane, Australia, July 3rd, 2008).The Minutes were approved.

5. **Matters arising from the Minutes**
   There were no matters arising from the minutes.

6. **Reports of the Officer for 2004 – 2008** The President, Secretary and Treasurer presented their reports which will be published in the WPSJ.

7. **Presentation of 5 members for the International Poultry Hall of Fame**
   The President reported that 12 nominations had been received for the IPHF. The Selection Committee had selected the following five names: Professor Egladison João Campos (Brazil), Professor Peter Horn (Hungary), Dr Genda Lal Jain (India), Dr Kiyoshi Shimada (Japan) and Dr Nuhad J. Daghir (Lebanon).
   A plaque was presented to each of the five inductees. The full citations and a photograph will be published in the WPSJ.

8. **Election of Officers for 2012-2016**The President announced that there had been only one nomination for the Office of President (Prof E.N. da Silva, Brazil), Secretary (Dr Ir R.W.A.W. Mulder, The Netherlands) and Treasurer (Dr Francine Bradley, United States of America). These Officers were therefore elected by acclamation.
   There were eight candidates proposed for the five Vice-President positions. These were: Prof Dr Werner Bessei (Germany), Dr Sacit Bilgili (United States of America), Prof Dr Rob Gous (South Africa), Mr Moshiur Rahman (Bangladesh), Prof Juliet Roberts (Australia), Dr Michèle Tixier-Boichard (France), Prof Colin Whitehead (United Kingdom) and Prof Ning Yang (China).
   All Branch Secretaries received a short biography of each candidate.
   Following the results of the vote, the President announced Prof Dr Werner Bessei as Senior Vice-President and Dr Sacit Bilgili, Prof Dr Rob Gous, Prof Juliet Roberts and Dr Michèle Tixier-Boichard as Vice-Presidents.

9. **Election and Presentation of Honorary Life Members**
   No applications for Honorary Life Members were received.



https://doi.org/10.1017/S0043933912000967 Published online by Cambridge University Press

10. **Report of the next World's Poultry Congress in 2016 in China**
Prof Yang reported on the progress made in preparing the XXV Congress in Beijing, China which will be held from 5-9 September, 2016.

11. **Venue of the World's Poultry Congress in 2020**
The President reported that there were three invitations from France (Paris), Germany (Berlin) and Orlando (United States of America) to host WPC2020. He invited each representatives to give a short presentation.
The President explained that there would be 2 ballots, if the first ballot did not reveal a bid with more than 50% of the total votes. In that event, the bid with the lowest number of votes, would be eliminated and a second round vote would be held with the two remaining bids.
In total 273 voting cards were cast by the Branch Secretaries or their representatives.
The first ballot resulted in: France 107 votes, Germany 115 votes and United States of America 51 votes.
The second ballot resulted in: France 137 votes and Germany 132 votes.
Two branches (total of 4 votes) did not cast their votes for the second ballot.
The right to host the WPC2020 was therefore given to WPSA France and the congress will be held in Paris, France.

11. **Any other business**There was no other business.**Closing of the meeting by the retiring President and installation of the President for 2012 – 2016**
Dr Pym expressed his thanks to all officers, members and branches. The retiring President then asked Prof Edir da Silva to take the President's chair and presented him with the Presidential regalia.Prof da Silva thanked the retiring President and Council.

**Report of the President 2008-2012**

It is with pleasure that I provide you with my report covering the term of office of the current Board from July 2008 to August 2012.
During this period, it is very pleasing to note that the Association has continued to grow in terms of the number of branches and membership, the details of which will be provided by the General Secretary in his report. There are a number of activities and initiatives taken by the Board during the past four years on which I would like to report. These include the revision of the Constitution and By-Laws, our involvement in a number of initiatives aimed at strengthening poultry science in developing countries, and our involvement in an initiative to examine current practices within the global poultry industry from ethics, sustainability and social equity perspectives.

*Revision of the Constitution*
Prior to the election of the current Board, the Constitution of the Association was last revised in 2001. Since about 2005 a number of matters have been brought to the Board's attention that argued for some significant changes to the Constitution. A Constitution review sub-committee was established at the first Board meeting in Brisbane in 2008, and members of the subcommittee were allocated sections of the constitution to review, based on inputs from all Board members and others. It was not until late 2010, however, that the task was finally completed and the revised constitution accepted by an overwhelming majority vote of Councillors. The new Constitution and By-Laws are available on the WPSA website www.wpsa.com and were published in the June 2011 issue of the World's Poultry Science Journal.
The major change to the constitution was structural, where all of the operational matters were transferred to the By-Laws. One of the more substantive changes relevant to the audience here, was the replacement of individual Councillors with branches, to constitute the new Council. This change was made because of the limited role that Councillors have historically played, where this has essentially been restricted to voting for Board positions and future WPC venues at Council meetings at WPCs. Regrettably, for a variety of reasons, a significant proportion of Councillors have in the past been unable to attend Congresses, and proxy votes within the respective branches



https://doi.org/10.1017/S0043933912000967 Published online by Cambridge University Press

have been a significant feature of voting at past Council meetings. Further, with individual membership of the Council, there was limited opportunity for the branch to collectively determine suitable voting strategies for Board positions and WPC venues at Council meetings. It was for these reasons that the branches themselves were considered to be a more suitable basis for membership of the Council. Voting entitlement is still essentially proportional to branch membership numbers. There were numerous other changes made and the Board believes that we now have a Constitution that is more relevant and which more accurately reflects the role and activities of the Association.

It is relevant here to mention the Board's actions over the past couple of years in revising the various guidelines associated with WPSA programmes and awards. These are separate to the Constitution and By-Laws and include guidelines for application for the Travel grant and the Speakers Bureau programmes, and guidelines for the conduct of World's Poultry Congresses. Additionally there are guidelines for applications to the International Poultry Hall of Fame and we are presently finalising guidelines for applications for award of the MacDougall medal. These guidelines can all be found on the WPSA website.

*Strengthening poultry science in developing countries*

The Board has continued to support activities aimed at improving poultry science and production in developing countries. Activities and initiatives here include:

- Continued support for the travel grant and speakers bureau programmes
- Continued support of the Small-scale family poultry production working group within the Asian Pacific Federation
- Development of closer and more effective linkages between WPSA and the International Network for Family Poultry Development, as a global working group of WPSA
- Close cooperation with FAO with poultry production workshops and involvement in the facilitation and evaluation of their HPAI programme
- Close involvement in the organisation of small-scale family poultry farming workshops at: the 2007 Asian Pacific Poultry Conference, Bangkok; the World's Poultry Congress, Brisbane 2008; the 2010 European Poultry Conference, Tours; and at the 2009 and 2011International Poultry Show and Seminar, Dhaka, Bangladesh.
- Support for the development of the Mediterranean Poultry network under the European Federation of WPSA, 2009/10
- Organisation of WPSA workshop: Improving Poultry Production in Developing Countries in the SE Asia-Pacific Region, Sydney, February 2010
- Active involvement in the establishment of the African Poultry Network- organisation of the inaugural workshop, Tours, September 2010
- Personal attendance by President at 2009 and 2011 Nigerian International Poultry Summits-directly related to the establishment and ongoing development of the African Poultry network
- Coordination of the revision of the FAO poultry website, 2009/10,
- Visit by President to South Africa, Mozambique, Kenya and Ethiopia October 2011to encourage involvement in the African Poultry Network and towards the establishment of WPSA branches in the latter three countries.
- A recommendation for the establishment of a new travel grant scheme for members from developing countries who are older than 40 years of age, is now available for consideration by the new Board.

*Poultry Think Tank initiative*

As reported in the WPSA Newsletter, following the stimulating and thought-provoking keynote address by Dr John Hodges at the opening session of the 23rd World's Poultry Congress in Brisbane, in which he challenged the industry to examine its practices from sustainability, ethics and social equity perspectives, a very fruitful meeting was held in Freising, Germany in June 2009 to discuss these issues. The meeting was attended by senior technical people from WPSA, FAO and the poultry breeding companies. A follow-up meeting organised by FAO was held at EPC in Tours in August 2010. Outcomes from these meetings have been reported in the WPSA electronic Newsletter. A proposal for follow-up development of this initiative, is presently available for consideration by the new Board.



https://doi.org/10.1017/S0043933912000967 Published online by Cambridge University Press

*Attendance at meetings*

It has been my very great honour and pleasure to have been invited to attend and speak at the following meetings over the past four years: 3rd Nigerian International Poultry Summit, Abeokuta, Nigeria, 22-26 February 2009; 6th International Poultry Show and Seminar, Dhaka, Bangladesh, March 2009; 8th European Symposium on Poultry Welfare, Cervia, Italy, 18-22 May 2009; 5th International Symposium on Turkey Production, Berlin, Germany, 28-30 May 2009;19th European Symposium on the Quality of Poultry Meat and the 13th European Symposium on the Quality of Eggs and Egg Products in Turku, Finland, 21-25 June 2009; 17th European Symposium on Poultry Nutrition, Edinburgh, Scotland, 23-27 August 2009; 2nd Mediterranean Poultry Summit , Antalya, Turkey, 4-7 October 2009; Inaugural WPSA PNG branch meeting, Lae, PNG, 11 November 2009; Australian Poultry Science Symposium, Sydney, 1-3 February 2010; WPSA UK branch meeting, Belfast, April 2010; 13th European Poultry Conference, Tours, August 2010; WPSA New Zealand branch's 50th Anniversary *Poultry Industry Conference,* Palmerston North, 12-13 October 2010; 1st African International Poultry Summit in Abeokuta, Nigeria, 20-24 February 2011; 9th Asian Pacific Poultry Conference, Taipei, Taiwan, 20-23 March 2011; 7th International Poultry Show and Seminar, Dhaka, Bangladesh, 24-26 March 2011; Poultry Meat and Egg Quality Symposium, Leipzig, September 2011; UK branch Symposium on Alternative Production Systems, Glasgow, September 2011; 30th annual WPSA South African branch Scientific Day, Pretoria, 6 October 2011; 18th European Symposium on Poultry Nutrition, Cesme, Turkey, 31 October – 4 November 2011; Australian Poultry Science Symposium, Sydney, February 2012; 3rd Mediterranean Poultry Summit, Alexandria, Egypt, March 2012.

The past four years has been a most interesting, challenging and enjoyable period for me as President. I would like to express my very sincere appreciation to all of the officers in the WPSA branches around the world for their dedication to the promotion of poultry science in their respective countries and regions, and to my fellow Board members for their outstanding efforts towards achievement of the aims and objectives of the Association. My best wishes to the new Board, to all of the branch officers and to all members of WPSA for good health and prosperity and a most productive and enjoyable time until we all meet again in Beijing in 2016.

**Report of the Treasurer 2008-2012**

As is typical, our dues income has cycled up and down over the last 4 years, averaging $115,145 per year. The total income from Journal sponsors and advertisers declined between 2008 and 2009, but has since climbed and is holding steady around $140,000+. Similarly, income from Journal Sales (through our agreement with Cambridge University Press) declined in 2009, but has since climbed to some $60,000 per year.The expenses associated with printing and mailing our Journal, rose to a high of $228,926 in 2010. With more members taking the Journal only on-line, expenses have dropped and are currently to around $193,000 per year. Members please note, that if you are willing to give up your print Journal, you will be contributing to WPSA without having to write a check!The costs of running an Association such as ours are substantial. Expenses have increased since 2008 and are averaging around $116,000 per year. It should be noted that a good portion of the labour involved in operating WPSA is provided on a volunteer basis. We are very lucky in this regard. If you doubt the 'value' of our volunteers, I encourage you to look at the operating expenses of similar associations run by paid 'professional staff.'We continue to support our Special Programmes (Archives, Travel Grants, Speakers' Bureau, and Branch Development). Over the past four years, Special Programmes' expenses have averaged some $50,000 per year.What is our bottom line? Only in 2011 did all of our Journal income exceed what it cost to print and mail the Journal. In two out of four years, dues income covered the Association's general operations. However, the Association's net worth has increased from $915,602 in 2008 to $1,073,410 in 2011. Our portfolio peaked during the past 4 years at $1,130,445 in 2010. How was this possible, when most of the time our expenses exceeded income? It was thanks to the performance of our investment portfolio. Our portfolio beat the S&P 500 by 8% in 2008 and for the other three years the performance was only a fraction of a percent to 2.5% less than that of the S&P. It must be remembered that this was accomplished with our conservative investments (80% stocks and 20% bonds), as opposed to the much riskier S&P 500 (100% stocks).In 2008 I wrote that if our generous



https://doi.org/10.1017/S0043933912000967 Published online by Cambridge University Press

sponsors and advertisers were retained...if more members opted for the electronic journal....and if our current members continued and new members were recruited...then WPSA could celebrate its centennial in sound financial shape. I am pleased that this has come to pass. I thank the members for their continuing support and for their confidence in re-electing me as Treasurer.

**Report of the Secretary 2008-2012**

Membership of the WPSA has increased from 7409 in January 2008 to 7677 in the same month 2012, a total increase of 268 members, or 4%.
Nine new branches were established in Algeria (2009), Azerbaijan (2012), Burundi (2010), Cameroon (2009), Fiji (2010), Guinea (2011), Papua New Guinea (2010), Senegal (2010) and Tanzania (2008).
The Board of the WPSA held its annual meetings in Brisbane, Australia in combination with WPC2008, June 2008; in Edinburgh, United Kingdom in combination with the 17th European Symposium on Poultry Nutrition, August 2009; in Tours, France in combination with the 13th European Poultry Conference, August 2010; in Taipei, Taiwan in combination with the 9th Asian Pacific Poultry Conference, March 2011 and in Cesme, Turkey in combination with the 18th European Symposium on Poultry Nutrition, October 2011.
One hundred and twenty-eight travel grants were received for attendance of the following meetings: UK Spring meeting (2008, 2010, 2012); Mediterranean Poultry Summit (2008, 2009, 2012); Worlds Poultry Congresses (2008, 2012); Return to the Good Egg (2008); 5th International Poultry Conference (2009); Symposia Poultry Meat and Egg Quality (2009, 2011); Symposia on Poultry Nutrition (2009, 2011); Symposium on Poultry Genetics (2009); Waterfowl Conference (2009); European Poultry Conference (2010); Baltic Poultry Conference (2010); Asian Pacific Poultry Conference (2011); French Poultry Days (2011); Australian Poultry Science Symposium (2011); Poultry Science Meeting (2011) and the Poultry Science Symposium (UK) (2011). Not all recipients could attend the meetings they applied for, typically due to either financial problems or visa restrictions.
Thirty requests for the Speaker's bureau were accepted. The following branches made the application: Argentina, Chile, Croatia, Egypt, India, Indonesia, Italy, Malaysia, Mexico, Nigeria, Poland, Sri Lanka, South Africa, Togo and Turkey.
During the Asian Pacific Poultry Conference in Taipei, Taiwan, March 2011 Mr Alan Gibbins (New Zealand) was re-elected as President for the next four years, Dr Jae Yong Han (Republic of Korea) was elected as Senior Vice-President, Dr S.F. Chin (Singapore) as Junior Vice-President and Mr D.V. Thomas (New Zealand) as Secretary/Treasurer. The 10th Conference of the Asian Pacific Federation will be held in 2014 on Jeju Island, Korea. Symposia of working groups of the Asian Pacific Federation were held by Group 2 'Waterfowl' in Thrissur, Kerala, India, in 2009.
During the European Poultry Conference in Tours, France, August 2010 Dr Y. Nys (France) was elected as President of the European Federation of WPSA for the next 4 years, Prof Dr Birger Svihus (Norway) as Senior Vice-President, Dr Estella Prukner-Radovic (Croatia) as Junior Vice-President and Prof Dr M.A. Grashorn (Germany) as Secretary/Treasurer. The 14th Poultry Conference will be held in Stavanger, Norway in 2014.
Symposia of Working Groups of the European Federation were held by:

- Group 1 'Economics and Marketing' in Antwerp (Belgium) in 2009 and Barcelona (Spain) in 2011
- Group 2 'Poultry Nutrition' in Edinburgh (United Kingdom) in 2009 and in Cesme (Turkey) in 2011
- Group 3 'Breeding and Genetics' in Bedlewo (Poland) in 2009 and in Peebles Hydro, near Edinburgh (United Kingdom) in 2011
- Group 4 and 5 'Eqq Quality and Poultry Meat Quality' in Turku (Finland) in 2009 and in Leipzig (Germany) 2011
- Group 6 'Reproduction' in Norwich (United Kingdom) in 2009 in Tours (France) in 2010, in Ede (The Netherlands) in 2011 and in Pisa (Italy) in 2012
- Group 9 'Poultry Welfare' in Cervia (Italy) in 2009
- Group 10 'Turkeys' in Berlin (Germany) in 2009 and 2011



https://doi.org/10.1017/S0043933912000967 Published online by Cambridge University Press

- Group 12 'Physiology' in Bratislava (Slovak Republic) in 2009 and Wageningen (The Netherlands) in 2011

There was also a Mediterranean Summit, Antalya (Turkey) in 2009 and in Alexandria (Egypt) in 2012 (the 4th Mediterranean Summit in Beirut, Lebanon, Sept 2014) and furthermore many conferences organized by local Branches.
During this Board period the new Constitution and By-laws were prepared and accepted.
Guidelines for the conduct of World Poultry Congresses and for nominations to the International Poultry Hall of Fame were modernised.
The Nominating Advisory Committee was chaired by Prof S. Solomon, UK. Nominations for the positions in the board were collected and a list of candidates is prepared for the next Council meeting at WPC 2012.
Bids to hold the World's Poultry Congress in 2020, were received from the French, German and USA Branch. The site inspection team, Dr R. Pym, Dr C. Whitehead and Dr R. Mulder, inspected the sites/cities, Paris, Berlin and Orlando. A full report is available and the election of the place for WPC 2020 will take place at the next Council meeting at WPC 2012.
The Journal increased in number of pages from 655 in 2008 to 760 in 2011.
All papers must be submitted online through ScholarOne Manuscripts at http://mc.manuscriptcentral.com/wpsj. Papers can no longer be accepted via direct email or post to the editorial team. Please follow the formatting instructions carefully, as papers not conforming will be rejected and may incur administrative costs payable by the authors. It is the responsibility of the author(s) to ensure that papers are correctly submitted.
Over the years the number of companies advertising in and sponsoring the WPS Journal was consistent. In 2008 there were 31 advertisers and 42 sponsor companies; in 2012 there were 31 advertisers and 35 sponsors for the WPS Journal.
The Newsletter has over 1300 subscribers and contains increasingly more information on Branch activities. This Newsletter will be e-mailed to individual members, on request. People who are interested to receive the WPSA Newsletter can subscribe to Newsletter on the WPSA website.
In order to promote WPSA and to have contacts with our present (and new) advertisers and sponsors, WPSA had a booth at several exhibitions. VIV China, Beijing, China, 2009, VIV Asia, Bangkok, Thailand, 2010, Victam Asia, Bangkok, Thailand 2009 and 2011, VIV Russia, Moscow, Russia in 2010. Later in 2012, WPSA will be present at VIV China, Beijing, China and at Eurotier in Hannover, Germany.
WPSA has been represented during other events as well. The 'Cereal's Mixed Feed and Veterinary Fair', in Moscow, Russia, 2012, The Bahrain International Agricultural Exhibition, Bahrain and AGRA Middle East, Dubai, UAE.
Many thanks to all local WPSA members who helped to organise the booth.
The Secretary attended in this period several Branch meetings, the most recent ones in 2012, in Azerbaijan, Russia and The Netherlands. In 2012 the following exhibitions were visited: Atlanta, USA (International Poultry Exhibition), Bangkok, Thailand (Victam Asia) and AGRA ME, Dubai, UAE. In 2011 the Asian Pacific Poultry Conference in Taipei, Taiwan, the Latin American Poultry Congress in Buenos Aires, and several symposia (Quality of Meat and Eggs, Nutrition) organised by the working groups of the European Federation were attended.
All together we had very fruitful years, also thanks to the good cooperation in the Board and Executive Committee. I sincerely thank Dr Bob Pym, Dr Francine Bradley and Prof Rob Gous in this respect.



https://doi.org/10.1017/S0043933912000967 Published online by Cambridge University Press

# International Poultry Hall of Fame 2012

During the Council meeting in Salvador, Brazil on 8 August 2012 the following distinguished poultry scientists were selected to the International Poultry Hall of Fame.

**Professor Egladison João Campos (Brazil)**



Professor Egladison João Campos was born in 1935, in the city of Belo Horizonte, Brazil. In 1961, he obtained the graduation in Veterinary Medicine at the School of Veterinary from the Minas Gerais Federal University. In 1962, he was invited to participated in a course on 'Social Sciences Applied to Rural Communities' for a duration of nine months. In December, 1962, he was appointed assistant professor at the Department of Animal Husbandry, at the Veterinary School, responsible for teaching, research and extension work on Poultry Production. The Brazilian poultry industrial expansion was just starting, and many short courses on poultry production for poultry and extension people around the country to promoted poultry production were under his responsibility until 1970, when he was invited for a scholarship sponsor for the Rockefeller Foundation for a M.S. and a PhD degrees at Texas A&M University. After returning, May 1973, he was Director of The Research Nucleous, responsible for the publication of 'The Archives of the Veterinary Scholl'; from 1974 to 1978, he was head of the Poultry Husbandry Department'. In 1979, he was named associate professor and, in 1983, full professor. He taught many courses on 'Poultry Production' at undergraduate level, mainly dealing with the interactions between stress, environment and nutrition. During the period of 1973 – 1998, he supervised 48 masters theses and six PhD students. He published 168 scientific papers and three books on poultry production and hatcheries. In 1992, he joined the 'People to People Citizen Ambassador Programme' institution to provide extension work to Eastern Europe. He retired in 1992, but continued to teach until 1998. He served on the editorial board for various scientific journals, and acted as an examiner for many postgraduate students thesis and dissertations. He has received many awards for his work on researching, extension and contribution for the development of poultry production. He was classified as Research 1-A from the 'National Research Council' until his retirement. He provided specialist consultancy to many poultry companies in Brazil, South Central and North America.

**Professor Peter Horn (Hungary)**



Peter Horn, University of Kaposvár earned his MS degree in agricultural sciences (1965), and PhD degree (1971) in poultry science in Gödöllő, Agricultural University. He founded the Department of Poultry, small Animal and Pig Science in Kaposvár in 1972 as associate professor. In 1986 he was named full professor, and was elected to be member of the Hungarian Academy of Sciences in 1985. He held numerous courses mostly at postgraduate levels in poultry science and animal science in Kaposvár and other universities. Twenty-one Hungarian and foreign students completed their PhD degrees under his guidance. His research with his colleagues were focused on genotype environment interactions in layers, broilers and turkeys, expression of heterosis in different environments (1972-1985). They were the first to publish genetic and phenotypic correlations between traits in pigeons, and measured inbreeding depression in meat type and homing pigeons. In 1990 Peter established a unique digital imaging centre with computer (CT) and magnetic imaging tomographs (MRI) conducting research regarding in vivo measurement of age sex and genotype dependent



https://doi.org/10.1017/S0043933912000967 Published online by Cambridge University Press

body composition changes with chicken broilers, turkeys, laying hens and pigeons. Dynamic MRI and CT methods were developed to measure cardiovascular performance of turkeys, and fatty liver development in geese in vivo. He and his group cooperated also very closely with the players of the poultry industry since 1972 till the present day (Breeding companies, feed, and processing industry). Well over $7 million of national and international R&D support and grants have been awarded for their work over four decades.
In the field of poultry science Peter, along with his colleagues, published more than 110 papers in referred journals, and over 90 in other journals, he was editor and author of many chapters of eight major books and university textbooks. Since 1974 he presented 15 papers on WPSA World Congresses, and 13 papers on European Congresses, was invited speaker on more than 40 international conferences outside Hungary and over 70 in Hungary since 1968.
Peter served and serves on editorial boards of nine journals, including Worlds Poultry Science Journal, Livestock Science, Archives of Animal Breeding, Journal of Animal Breeding and Genetics and others. He is the president of the Hungarian Branch of the WPSA since 1976 is the president of the Hungarian Animal Breeders Association since 1993, and is member of other international and national scientific associations. He has received 29 national and international awards honouring research, teaching and fruitful cooperation activities with the industry. Three Universities honoured him with the Honorius Causa Doctorate: Martin Luther Univ. Halle-Wittenberg (2002), University of Debrecen(2003), University of Gödöllő (2006).

**Dr Gendalal Jain (India)**



After his graduation in poultry science in 1966, Dr Gendalal Jain was appointed Assistant Professor at Udaipur University in India. After working for two years he continued his studies, leading to a PhD in Animal Breeding in 1971 from the University of British Columbia. Back in India, he rejoined Udiapur University where he taught various subjects. Later in 1974, he joined as Director, Central Poultry Breeding Farm, Govt. of India, where he successfully conducted the breeding programme for improvement of production in WHL and RIR chickens. During this period, he also established a Random Sample Test Centre both for broilers and layers.
In 1980, Dr Jain joined Venkateshwara Hatcheries Pvt. Ltd, Pune as Chief Geneticist and was instrumental in planning and execution of the breeding programme for both broilers and layers. Realizing that genotype – environment interaction is important, he designed and structured the Research programme to select and breed the chicken in the same environment and husbandry practices under which they have to perform at the farmers place in India. Dr Jain also realised that the relative economic merit for different traits of broilers and layers is different for western countries compared to the Indian market. He therefore, decided that the economic weightage to be given to different traits of economic importance in the selection index in his programme will have to be different than those that are used by geneticists in the Western world.
This tailoring of the breeding programme according to the need and requirements of Indian poultry farmers, helped Dr Jain and his team to overcome the biggest challenge that is to develop products (broilers and layers) which perform better than the imported products in Indian type of environmental and husbandry conditions as well as the market requirements and thereby give maximum returns to Indian Poultry farmers.
The layer strain, BV300 developed by Dr Jain and his team has been the market leader consistently for the last 30 years. The market share of BV300 has been over 85% of the total layer sales in India in spite of the availability of various well-known International Breeds.
Similarly, the performance of Vencobb strain of broilers developed by Dr Jain and his team improved dramatically over the years. The Vencobb has also been enjoying a market share between 65% to 70% for the last 2 decades, as of today it is more than 75%.
The most significant impact of indigenous breeding programme conducted by Dr Jain and his special contribution to Indian Poultry Industry is that small and marginal farmers with very small land holding and very little investment could take up poultry as their vocation by constructing



https://doi.org/10.1017/S0043933912000967 Published online by Cambridge University Press

sheds with local material like thatch roof and still get standard performance. This has brought great prosperity to many farmers who increased their flock size from 500 to 100,000+ birds.
Dr Jain received Lifetime Achievement Award from B.V. Rao Poultry Research Foundation in 2001 and prestigious M.S. Swaminathan Award in 2005 for his contribution to the Poultry industry and Indian agriculture at large. A Scroll of Honour was also presented to him by Indian Poultry Science Association in 2008, in recognition of his contribution in the success of Poultry farming in India.
Acknowledging Dr Jain's work the Department of Science and Technology, Govt. of India conferred the 'National Award for R&D efforts in Industry' to Broiler R&D Unit in 1990 and Layer R&D unit in 1994. His company also got National Productivity Award from the Indian government.
Dr Jain is one of the very few Geneticists in world, who has successfully conducted both the Layer and Broiler breeding programme over the past 31 years. He has published research papers and made presentations at many International conferences.
Dr Jain has been active member of WPSA (India Branch) for last many years.

**Dr Kiyoshi Shimada (Japan)**



Dr Shimada obtained his B.S. from Gifu University, M.S. from Rutgers University as a Fulbright scholarship holder and PhD from Nagoya University. He joined the faculty of Aichi Medical School as an assistant professor in 1974, the faculty of agricultural sciences of Nagoya University as an assistant professor in 1976, an associate professor in 1979 and full professor in 1991. He was named a Director of Avian Bioresearch Center (2007-2008) and after his retirement he served as a designated professor at Nagoya University for a year. In 2009, he was invited as full professor by Seoul National University, Korea on special project of World Class University and continues his teaching and research. He has taught numerous courses at both undergraduate and graduate levels, including animal physiology, poultry reproduction, genetics and avian biotechnology.
Dr Shimada has published approximately 300 publications, of which more than 100 are refereed scientific journals in the field of poultry reproduction, which were influenced by his early career working at Goto Hatchery Incorporation, the leading hatchery company in Japan. He has also made remarkable contribution to the training of nine postdoctoral fellow researchers, 12 PhD and 20 Masters students. Many of them are from China, Indonesia, Korea, India, Poland and Canada. These graduates and researchers are engaged with teaching and research at the universities, government, poultry industries as well as pharmaceutical companies in the world.
He has served as an Editor-in-Chief of Journal Poultry Science, gaining impact factor for this Journal. He is an active member of the WPSA as a secretary of Japan Branch of the WPSA and later the President of Japan Branch of the WPSA. At the same time he worked as Vice President of Asian Pacific Poultry Congress (APPC). He served for WPSA congress as a scientific programme committee and poultry industry-tour guide in 1988 and for APPC symposium as General Secretary and Treasurer in 1998 in Nagoya. Recently, he organized the Korea-Japan Joint Symposium on Avian Biology at Seoul National University.
For his research achievements he was given the research award from the Japan Poultry Science Association (1989) and for his overall activities he was given the award of Association of Japanese Agricultural Scientific Societies (2009). He is currently serving as an associate editor of Poultry Science.

**Dr Nuhad J. Daghir (Lebanon)**

Dr N.J. Daghir received his BSc from the American University of Beirut (AUB) in 1957 and was immediately appointed by AUB to provide agricultural extension services to the central and northern Beqa'a region in Lebanon, to where he introduced commercial poultry production. He



https://doi.org/10.1017/S0043933912000967 Published online by Cambridge University Press



earned both his MSc and PhD degrees from Iowa State University in 1959 and 1962, respectively. In 1962, he helped establish a Lebanese branch of the World Poultry Science Association and was president of that branch until 1984. During the same year, he started his teaching and research career at the AUB. In 1967, he was promoted to associate professor and in 1975 to full professor. He has served as adviser for over 40 MSc graduate students, many of whom have later received PhD degrees from US universities and are now occupying key positions all over the world.

Dr Daghir is a member of several professional and honorary organizations, and has travelled widely in over 60 different countries of Asia, Europe, Africa and America. He has served as a consultant to poultry companies in Lebanon, Jordan, Syria, Iraq, Iran, Egypt, Kuwait, Tunisia, Saudi Arabia and Yemen, and participated in lecture tours on poultry production in these countries. Dr Daghir has served on special assignments for several organizations such as the Food and Agriculture Organization of the United Nations, American Soybean Association and the Kuwait Institute of Scientific Research. He also served on many international, regional and national committees such as the International Standing committee of WPSA on Nutrient Requirements and the committee of the International Union of Nutritional Sciences (commission VI, committee 8) on nutrition of poultry.

Dr Daghir has had over 100 articles published in scientific journals and the proceedings of international meetings as well as several chapters in books and compendia. The second edition of his book 'Poultry Production in Hot Climates' was published by CABI in 2008. His research has covered a wide range of subjects, such as factors affecting vitamin requirements of poultry, utilization of agricultural by-products in poultry feeds, nutrient requirements of poultry at high-temperature conditions, seeds of desert plants as potential sources of feed and food, and plant protein supplements of importance to hot regions. His research has received funding from the US National Institutes of Health, the International Development Research Centre of Canada and the Lebanese National Council for Scientific Research. He has served as Chairman of the Animal Science Department, Associate Dean and Dean of his Faculty and, for two years as team leader of the American University of Beirut technical mission to Saudi Arabia. From September 1986 to June 1992, he served as Director of Technical Services at the Shaver Poultry Breeding Company in Cambridge, Ontario, Canada. He served as Dean of the Faculty of Agricultural Sciences and Professor of Poultry Science at the United Arab Emirates University, AI-Ain, UAE, from 1992 to 1996, and as Dean of the Faculty of Agricultural and Food Sciences at the American University of Beirut, from 1996 to 2006. He is at present Dean Emeritus at AUB.



**The five new inductees for the International Poultry Hall of Fame. From left to right: Dr Gendalal Jain (India), Professor Egladison João Campos (Brazil), Dr Nuhad J. Daghir (Lebanon), Dr Kiyoshi Shimada (Japan) and Professor Peter Horn (Hungary).**
**Photo: Wiebe van der Sluis**



https://doi.org/10.1017/S0043933912000967 Published online by Cambridge University Press