PSA Annual Meeting—Orlando, Florida

Our gathering in sunny Florida is only a few months away! The 2017 Poultry Science Association Annual Meeting is shaping up to be a dynamic scientific program! The program committee has been diligently working through the largest group of abstracts ever submitted for a PSA Annual Meeting.

A wide slate of topics will be covered in symposia including: utilizing technology for poultry health and welfare assessments; industry and academia interactive forum on current topics impacting the poultry industry; and utilizing vegetative buffers to positively impact poultry farms and neighboring communities.

There is also a robust agenda of scientific sessions being developed. This year, we will again spotlight the exciting work of our society’s future leaders with student competition oral sessions on Monday and Tuesday mornings. There are a lot of bright college students presenting papers at this year’s meeting. Please consider volunteering to assist with student competition judging!

It is important to note that the events at the Orlando World Center Marriott begin on Sunday this year. The Golf Outing will begin Sunday morning at 8:00am AM, with the Opening Reception that evening. Student Competition Sessions will begin promptly at 8:00am Monday morning, followed by the Informal Nutrition Symposium and National Extension Workshop in the afternoon.

The “Suds & Spuds” poster and exhibitor reception will be Tuesday evening, in conjunction with the judging of student poster presentations.

Dr. Kevin Wells will present the History and future of genetically engineered food animal regulation, for the WPSA Lecture Wednesday morning, followed by the PSA Business Meeting. Gatorland will be the site of the PSA BBQ. The 110-acre theme park and wildlife preserve features several animal encounters, a daring 350’ zip line over the gator breeding marsh, a splash park for the kids, and four extremely rare leucistic “white” alligators.

Thursday starts bright and early with the Chicken Trot Fun Run and ends with the Awards Celebration that evening. Be sure to register today at www.poultryscience.org/psa17. The early registration discount ends June 1.

Hotel reservations for the Orlando World Center Marriott can also be made online through the meeting website.
This is an exciting time for the Poultry Science Association and me personally as I have an opportunity to lead the organization during the transforming year. As my term as President is nearing an end, I am pleased to see progress in many areas of the organization that I would like to highlight. To begin, the organization is on very sound financial ground. This is a testament to the PSA staff and previous leadership that now allows us to invest in the future. This investment comes in the form of programs for students, but also in ways that will grow our Association.

For example, in October, PSA held its first meeting outside of North America when we hosted the first Latin American Scientific Conference in Campinas, São Paulo, Brazil. By nearly any measure, this meeting was a complete success. While many people contributed to the success of this meeting, a huge debt of gratitude is owed to Program Chair José Otávio Sorbara and Executive Director Steve Koenig for their vision and leadership. I was overwhelmed by the excitement at the meeting of industry and academia, and especially students that could present their research; many for the first time in such a setting. The response convinced the PSA Board of Directors to move forward with the second meeting in 2018, with the intent of making these biennial events.

PSA’s new five-year strategic plan begins in 2017 and the board and staff are working hard to begin reining and implementing the plan. The Strategic Planning Committee set out to make a plan that was simple enough to understand, but would stretch our comfort level and grow the organization to meet the vision to be the world’s most respected resource for the poultry sciences. The plan’s five overarching objectives are to improve our meetings and journals, which are already very successful; expand the reach and relevance of our membership; improve communications to a global audience; foster professional development for members; and ensure a solid long-term financial future.

One aspect of the new strategic plan that has already been put in place is the new Journal Planning Committee chaired by Steve Ricke. This committee was organized to look at strategic ways to improve the status of our journals, which is a separate role of the EIC for each journal. The EICs for Poultry Science, Robert Taylor, and Journal of Applied Poultry Research, John Carey, along with their section editors, do a remarkable job of ensuring fastest possible turnaround time of manuscripts for authors. The creation of this new committee is done so with the understanding that these are separate roles and need separate focus.

Finally, prior to my time on the Board of Director and Executive leadership team, I did not really appreciate the amount of work it takes from the PSA members to make the association function. I have grown to appreciate the dedicated work that PSA staff, Steve Koenig, Jon Cole, and David Busboom do; but they cannot do it alone. So as I look forward to the Annual Meeting in Orlando, I would really like to thank all of the efforts of the many volunteers who take their time to make this Association great.

Greetings to you all. The Poultry Science Association, under the leadership of its President, Randy Mitchell, has made strong progress in many strategically-vital areas during this past year. His newsletter comments discuss some of the most significant developments during his tenure as PSA’s President. In Dr. Mitchell’s comments, he refers to this being a “transforming” year for the Association, which very appropriately describes a year in which PSA successfully implemented its plans to take its conference program outside of North America to one of the key global poultry science regions (Latin America) for the first time in its 108-year history, and refined its strategic plans to pursue a vision that positions the Poultry Science Association and its members as the world’s most respected resource for the poultry sciences.

PSA has been experiencing strong growth of membership in

From Your President

Randolph D. Mitchell
PSA President

From the Executive Director

Stephen E. Koenig
PSA Executive Director
recent years, becoming more and more an Association that truly represents the global poultry sciences in all areas of research, teaching and production. Journal submissions have strongly indicated growing international interest in PSA, as has participation in our Annual meeting and conference. Yet, we know that many global colleagues do not have the resources to participate in the Annual Meeting and conference, held annually in North America. To truly connect the global poultry science community, PSA is now using its resources to extend its reach into these key areas and foster that global connection.

The PSA Strategic Plan is being updated and revised to reflect the most current and best thinking of how to realize our long-term vision to become the world’s most respected resource on poultry sciences. Pursuing this vision will require PSA to focus the collective resources of the Association and its membership on advancement of the poultry sciences in the most effective and efficient manner. As research dollars continue to come under pressure and as the actions of policy-makers continue to influence global development of the poultry industry and related science, PSA will proactively seek to position itself and its member base as a resource for enhancement of the poultry sciences.

As PSA becomes more active on a global basis, we will be seeking to increase member participation in its many initiatives. In the process of helping PSA realize its vision, we hope you’ll see how active participation will grow your expertise and science network, strengthen your work/research program, enhance the value of your organization and, ultimately, advance your personal career. We hear this time and again from our most respected colleagues who have been recognized as PSA Fellows, that active participation in PSA has been vital to their extraordinary success as poultry research scientists.

If you’re looking for opportunities to get more involved with PSA, please let us know. There are plenty of opportunities to join some of our many programs and committees that are committed to carrying out the mission of the Poultry Science Association.

The Nominating Committee, consisting of D. J. Caldwell (past president), M. T. Kidd (past president), M. O. Smith (past president), T. J. Applegate (past president), M. B. Farnell (elected), J. L. Grimes (elected), and E. N. Fisher (elected), express their appreciation to the PSA members who submitted names for consideration as future leaders of our association. We respectfully recommend the following slate of officers to the PSA Board, which will be voted on by the membership, electronically or by absentee ballot, prior to the 2017 Annual Business Meeting. The Business Meeting will be held on Wednesday, July 19, at the Orlando World Center Marriott, in Orlando, Florida.

President
Mark E. Cook
University of Wisconsin

First Vice President
Valerie L. Carney
Alberta Agriculture & Food

Second Vice President
Billy M. Hargis
University of Arkansas
Paul H. Patterson
Pennsylvania State University

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Director #1
Douglas F. Britton
Georgia Tech Research Institute
Robert B. Beckstead
North Carolina State University

Director #2
April Levy
DSM Nutritional Products
Stacey A. Roberts
Provimi NA

Candidate Bios

President:
Mark E. Cook
University of Wisconsin

Mark E. Cook received his PhD in poultry nutrition and immunology at Louisiana State University in 1982 and immediately joined the University of Wisconsin-Madison Poultry Science Department (now the Animal Sciences Department), where he currently holds the position of professor. Cook currently teaches the introductory course in Animal Sciences, a course in Animal Welfare, and Avian Health in the Midwest Poultry Consortium. Cook was a founding member of the Midwest Poultry Consortium an undergraduate program that for 19 years provides 18 credits of poultry instruction to university students in 13 states. Cook has received numerous awards for his teaching. Cook’s research focuses on novel dietary mechanisms to control inflammation and increase animal growth and development. Cook has over 120 peer reviewed scientific papers and 40 US patents (approximately 200 world-wide).
He has been co-founder of four companies and has helped bring innovative products for humans, agricultural animals, and pet use. His spin-out (Isomark) involves a breath biosensing technology that detects the onset of infections in animals and critical ill patients. His latest start-up (AbE Discovery) is commercializing a replacement for coccidiostats in poultry. Cook has received several awards for his entrepreneurial activity and recently chaired the construction and launch of Discovery to Product (D2P, a $5.6M platform for technology transfer at UW-Madison). Recently, Cook played a leadership role on UW’s University Committee (executive committee for the senate), Interim Director of Discovery to Product, Vice Chancellor for Research Search and Screen Committee, and is a member of UW’s University Research Council. Cook is a Fellow of Poultry Science Association, current 1st Vice President of PSA, on the Board of Directors for Advocacy Consortium for Entrepreneurs, and is the Co-Chair the Founding Committee of UW’s Seed Fund.

First Vice President:
Valerie L. Carney
Alberta Agriculture & Food

A native of Edmonton, Alberta, Valerie Carney completed her BSc and MSc in poultry reproductive physiology at the University of Alberta and went on to complete a Ph.D. in poultry genetics at the University of Arkansas. In her position with Aviagen North America in Huntsville, Alabama, she worked as a field and research geneticist, where she collaborated with customers to develop research protocols to compare broiler yield and performance of different strains used in their operations and at Aviagen’s product development center.

In 2005, Carney returned to Alberta as a poultry research and extension specialist with the provincial government (Alberta Agriculture and Forestry). Her position includes research, teaching and technology transfer.

As the chair of the Technology Transfer Committee of the Poultry Research Centre, Carney collaborates with all sectors of the poultry industry and the research team at the University of Alberta to develop and deliver relevant and applicable solutions and opportunities. Her extension repertoire includes everything from field trials and demonstration to musicals. Her vision is to bridge the gap between controlled research from the around the globe to application in Alberta’s commercial operations. She is also actively involved in initiatives that promote the Alberta poultry industry to the general public.

Carney is an adjunct professor with the University of Alberta where she has participated in graduate student committees, hosted visiting students and collaborated on research projects. She has been a member of PSA since 1993, and was the Chair of the local planning committee for the 2006 PSA annual meeting in Edmonton, AB. She served as a board director from 2006 to 2009, and has participated in various committees and strategic planning for the association.

Carney is married to her Arkansas sweetheart, Will, and together they are raising three children: Bryson (15) and twins Tanner and Annessa (13).

Second Vice President:
Billy M. Hargis
University of Arkansas

Billy Hargis is a Tennessee native and received his undergraduate education at the University of Minnesota (B.S. 1980), his Master of Science Training at the University of Georgia (Poultry Science, 1983) and his D.V.M and Ph.D. training at the University of Minnesota (Ph.D. 1987). From 1987 to 2000, Hargis was a faculty member in the Departments of Veterinary Pathobiology and Poultry Science, Texas A&M University, where he was promoted through the ranks of Assistant Professor to Professor. He joined the Center of Excellence in Poultry Science at the University of Arkansas on September 1, 2000, as Professor and Director of the Poultry Health Research Laboratory. In 2006, Hargis was named the Sustainable Poultry Health Chair, an endowed position funded by the Tyson Family with a match from the Walton Family Charitable Support Foundation. He is a diplomat of the American College of Poultry Veterinarians, teaches in the undergraduate and graduate poultry science program, and has served on the PSA Board and as a section editor for JAPR. He has advised or co-advised more than 70 graduate students who are all considered colleagues, friends and family. His laboratory has been recognized by several awards including the Carrington Laboratories Research Award (1991), the Poultry Science Association Research Award (1993), USDA Certificate of Merit for Scientific Leadership (1994), the Texas Veterinary Medical Association Faculty Research Award (1994), the National Broiler Council Research Award (1998), the Texas A&M University Vice Chancellor’s Award in Excellence for Research (2000), the Poultry Science Association Award for Achievement in Poultry Science (2001), the Frank Perdue Live Poultry Food Safety Research Award (2009), and the John White Division of Agriculture Research Award (2011). He is widely known for his love of family, friends, colleagues and beer. In 2015, Hargis was elected as a Fellow of the Poultry Science Association for long-term contributions to the poultry industry, academia, and the Poultry Science Association. His research, over the last 25 years, has focused on alternatives to antibiotics for health, performance and reduction of food-borne pathogens in poultry.

Second Vice President:
Paul H. Patterson
Pennsylvania State University

Paul Patterson is a Professor of Poultry Science at The Pennsylvania State University. He spends 70 percent of his time concentrating on extension duties, particularly those dealing with laying hen management and nutrition. The other 30 percent he devotes to research involving poultry nutrition, egg production, handling, quality and storage, and poultry waste, nutrient management and recycling. A native of Washington state and BS and MS graduate of Washington State University, Patterson went on to receive his Ph.D. degree in Poultry Science and Nutritional Science from the University of Wis-
Theresa A. Lavergne is a Technical Services Manager at Arm & Hammer Animal Nutrition. She received her BS in animal science from Auburn University, her MS in animal science from Mississippi State University, and her PhD in nonruminant nutrition from Louisiana State University. She has been a Technical Services Manager since 2016. She provides technical support to customers and enterprise and channel sales teams with Arm & Hammer Animal Nutrition. Previously, she was a professor and poultry extension specialist for 16 years at the LSU AgCenter. As Poultry Extension Specialist, she had both adult and youth work responsibilities. In coordination with other LSU AgCenter faculty, she provided educational programs to the poultry industry and growers in the area of nutrient management and regulations, on-farm biosecurity, avian influenza, and poultry production management and techniques. Also, she conducted demonstration trials on alternative litter and mortality management programs. Lavergne has served on a number of PSA committees (Extension/Outreach Committee, Maple Leaf Farms Duck Research Award, Alltech Student Research Manuscript Award, Committee on Environmental Quality, Evonik Degussa Award for Achievement in Poultry Science, Long Range Planning Committee, Membership Committee), and on the board of directors as a director from 2008 to 2011. She was elected secretary-treasurer in 2015.

Director #1: Douglas F. Britton
Georgia Institute of Technology

Doug Britton is a Principal Research Engineer with the Georgia Tech Research Institute and serves as the Program Manager for the Agricultural Technology Research Program (ATRP) at Georgia Tech. This program is highly focused on developing transformational innovation in advanced technologies for poultry, agribusiness, and food processing. Working closely with stakeholders in academia, industry, and the public service sector, his efforts entail identifying key unmet challenges and translating them into applied, actionable research initiatives.

Britton's technical expertise in image and signal processing has led to the development of eight different imaging based systems for a variety of food processing applications including citrus, baked goods, whole bird screening and poultry product inspection. He is passionate about the future of poultry production and processing and the opportunities to infuse new technologies into an otherwise highly optimized system. By creating environments where interdisciplinary teams can fundamentally rethink the entire production and processing chain, he seeks to foster the cross pollination of ideas and concepts that will lead to the development of new methods and systems specifically designed to address modern demands.

Britton received the B.S. degree in Engineering from LeTourneau University, the M.S. degree in Electrical Engineering from the University of Tennessee, and the Ph.D. in Electrical Engineering from the Georgia Institute of Technology. He is a member of the Institute of Electrical and Electronics Engineers (IEEE), the Poultry Science Association (PSA), the American Society of Agricultural and Biological Engineers (ASABE), and a fellow of the Food Systems Leadership Institute (FSLI). He is co-chair of the International Food Automation Networking Conference (IFAN), sits on the USPOULTRY Safety & Health Council, and is co-organizer of the annual National Safety Conference for the poultry industry.

Director #1: Robert B. Beckstead
North Carolina State University

Robert B. Beckstead received his bachelor of science from Brigham Young University, his Ph.D. from Baylor College of Medicine in Houston, Texas and performed postdoctoral work at the University of Utah School of Medicine. He was a faculty member in the Department of Poultry Science at The University of Georgia from 2007 to 2016 and is currently an associate professor in the Prestage Department of Poultry Science at
North Carolina State University. Research in his lab focuses on molecular diagnostics and treatment strategies related to flagellated protozoal infections in poultry and the development of transgenic technology in chickens. Beckstead has mentored 60 undergraduate, nine master's, and three Ph.D. students. He has taught Molecular Diagnostic and Research Tools in Avian Biology, Freshman Odyssey - Chickenology: Everything You Need to Know About Chickens, Methods in Biotechnology, and the Effect of Global Agriculture on World Culture. Beckstead has been awarded the Poultry Science Association Early Achievement in Teaching Award and Novus International Inc. Teaching Award, the Richard B. Russell Excellence in Undergraduate Teaching, the First-Year Odyssey Seminar Teaching Award, and the UGA Outstanding Undergraduate Academic Advisor Award.

Director #2
April Waguespack Levy

April Waguespack Levy joined DSM Nutritional Products North America as a Senior Technical Support Manager for Poultry in 2014, where she is lead nutritionist for optimum vitamin nutrition in poultry. Her support also extends to enzymes. Prior to DSM, April was a Technical Service Manager for Poultry at Kemin Industries where her responsibilities included organic acids, minerals, and antioxidants. She earned her B.S. in Animal, Dairy, and Poultry Sciences, and her M.S. and Ph.D. (completed in 2011) in Animal and Dairy Sciences from Louisiana State University (LSU) with a concentration in non-ruminant nutrition. Her work at LSU focused on the feeding of low crude protein, amino acid supplemented diets to broilers and pigs. She is actively involved with the Poultry Science Association and Southern Poultry Science Society (SPSS). She has served as a judge for the student competition during the PSA Annual Meeting and serves on the PSA Careers Committee of which she is the current chair. Levy served as the Southern Poultry Science Society (SPSS) Second Vice President (2016-2017) and is now the SPSS Vice President (2017-2018). She has been a guest speaker for the nutrition section of the 2014, 2015, and 2016 Midwest Poultry Consortium where she spoke on feed additives. Levy has also served as a reviewer for Poultry Science and The Journal of Applied Poultry Research. She has published nine peer-reviewed articles and 15 abstracts.

Director #2
Stacey A. Roberts
Provimi NA

Stacey Roberts is a nutritionist at Cargill Premix and Nutrition (formerly Akey) in Brookville, Ohio where she is responsible for leading the egg-layer nutrition program. In this role, she works together with egg and poultry producers across the US to design, implement, and troubleshoot their nutrition program. She has served as the President of the Southern Poultry Science Society (2014/2015), chair of the PSA American Egg Board Research Award committee, and in various other roles within the Poultry Science Association. Stacey earned her Bachelor’s Degree in Animal Science, Master’s in Animal Nutrition, and PhD in Nutritional Sciences with a minor in Environmental Science from Iowa State University. Her graduate research evaluated nutritional strategies to mitigate ammonia emissions from egg-layer facilities. Roberts currently resides in Ohio with her husband and young daughter. She looks forward to the opportunity to continue to serve the Poultry Science Association.

WPSA-USA Branch News

Robert E. Buresh
Branch Secretary, WPSA-USA

The USA Branch of the WPSA would like to announce the beginning of new four-year terms for our new USA Branch Board members. The new Board members include Petek Settar (Hy-Line International), Tony Pescatore (University of Kentucky), and Sami Dridi (University of Arkansas). Settar and Pescatore will also serve on the Poultry Science Association Foundation Board. We express our sincere appreciation to outgoing Board members Curtis Novak, Ernie Pierson, and Bob Buresh. Bob Buresh will continue to serve as the USA Branch Secretary.

WPSA-USA Activities at the 2017 PSA Annual Meeting:

The WPSA-USA Branch Business Meeting will be held on Tuesday, July 18, from 10:30am-Noon in the Crystal N-P Rooms. All WPSA-USA Branch members are highly encouraged to attend and participate in the business and activities of the Branch. Also on Tuesday from Noon-1:00pm will be the joint WPSA-USA/Canada Branch Luncheon in the Crystal K-L Rooms. All members of both branches are encouraged to attend this luncheon also.

The WPSA Lecture (sponsored jointly by the USA and Canadian Branches) will be held at 8:00am on Wednesday, July 19. The lecture entitled “History and future of genetically engineered food animal regulation” will be presented by Kevin Wells, Associate Professor in the Division of Animal Sciences at the University of Missouri.

Hatchery Update

Timothy J. Broderick
PSA Hatchery

The hatchery committee is pleased to report a current membership of 623 student members from 171 colleges and universities. While the membership numbers show the vast reach of PSA, we are continuing to seek out students studying within the scope of poultry science. This coming year brings new opportunities to the hatchery including a hatchery specific website to go live in the next few weeks. Additional programs are also being implemented starting at the annual meeting to further the hatchery mission of advancing the social, educational, and industrial interests of members. An email will be sent in June for those interested in university ambassador, regional director, and hatchery director positions. Elections will be held at the 2017 Annual Meeting. Students interested in getting more involved with the hatchery, or those with questions or comments, are encouraged to email psahatchery@gmail.com.
PSA Foundation Update

Lisa R. Bielke
James H. Denton
PSA Foundation

The PSA Foundation Board of Trustees is pleased to report that the Foundation is currently supporting one Ph.D. and two M.S. students. The M.S. graduate students are supported by a gift from the Arthur W. Perdue Foundation in their academic careers as a key component of the mission of the Foundation. Ms. Veronica Nacchia is pursuing the M.S. degree at the University of Delaware under the guidance of Dr. Hong Li. The title of her project is “Impact of Behavioral Activity Change with Environmental Enrichments on Leg Health of Broilers”. Ms. Brittany Wood is pursuing the M.S. degree at the University of California-Davis under the guidance of Drs. Maja Makagon and Richard Blatchford. The title of her project is “Is Scatter Feeding Enriching for Broilers?” The Ph.D. graduate student is supported by the gift from the Merck Animal Health Poultry Business Unit. Ms. Maria Arendt is pursuing the Ph.D. degree at the University of Wisconsin-Madison under the guidance of Dr. Mark Cook. The title of her project is “Role of Mucosal Interleukin-10 (IL-10) in Eimeria Infection.” Additionally, the Andrew F. Giesen III Undergraduate Internship program supported three students, Lesleigh Beer (University of Arkansas), Emily C. Berger (Texas A&M University), and Cassandra Wertman (University of Tennessee) last summer. New recipients will be announced at the 2017 PSA Meeting.

The selection process to identify the Inaugural Diamond V Scholar is underway under the leadership of Dr. Kelly Walmsley, Mississippi State University, and her team. The recipient is anticipated to be announced by Mr. Jeff Cannon, President & CEO, Diamond V, during the Donor Reception at the PSA Annual Meeting in Orlando on Monday, July 17, 2017. Our most recent donor, Mr. Kevin McDaniel, President of Aviagen North America, will also be recognized for the very generous pledge of $50,000 to be fulfilled over a five year period.

EIC Report: Poultry Science

Robert L. Taylor, Jr.
Editor-in-Chief, Poultry Science

Poultry Science is the top-ranked poultry journal whose primary objective is to publish outstanding original research and review articles that contribute to scientific knowledge. In addition, the journal publishes articles that will interest readers from academia, industry, and government.

List below important points for authors, reviewers, and the PSA membership-at-large.

Authors: Read and follow the author instructions. The most common errors are absence of line numbers and improper reference format. Authors do not bother to modify the reference format after extracting the citations from a database. Careful proofreading will reveal language, spelling, and format deficiencies. Some “unproofed” works have originated from the most unlikely sources.

Reviewers: Soon you will see a change in the Manuscript Central reviewer sheet. Recommendation choices will be reduced to three: accept, revise, or reject. Fewer options will facilitate decisions.

The editorial board is working to reduce manuscript review time. Poultry Science relies on volunteer reviewers who are usually conscientious in the process. If you accept an invitation to review a manuscript, please try to complete the process in a timely manner. One aid is to mark your calendar for the time to write the review.

Conduct a thorough manuscript review which contains helpful comments. The goal is to assist authors to improve their work. Make a decisive recommendation to the section editors.

PSA members: Suggest review articles that you or your colleagues might submit. The better option is to suggest a review article that you will write. Reviews increase the readership of our journal.

I welcome other suggestions to improve our journal.

EIC Report: The Journal of Applied Poultry Research

John B. Carey
Editor-in-Chief, The Journal of Applied Poultry Research

It has been an honor and a privilege to serve as Editor-in-Chief of JAPR. I am greatly in debt to the Subject Matter Editors and Reviewers, the OUP staff, David Busboom, Jon Cole, and Steve Koenig for supporting all of the many processes involved in the production of the Journal. We are continually striving to improve the journal and improve the entire publication process. The days to decision has decreased from 111 in 2014 to 54 in 2016. Many efforts are aimed at improving this statistic.

We are an increasingly international journal with submissions from all parts of the world. We likewise have noted a significant increase in online activity. There were 331,333 site visits in 2016 compared to 275,518 in 2015. These visits resulted in 300,665 full text downloads which was a 15% increase over 2015. Asia, North America and Europe account for 86% of this activity. Along with the marketing group at OUP, we continue to seek ways to further facilitate the dissemination of pertinent, timely and applicable information to users throughout the world.

All of these accomplishments and plans would not be possible without the efforts of the Subject Matter Editors and Reviewers, the OUP staff, David Busboom, Jon Cole, and Steve Koenig. Also key to the sustained growth and success of JAPR are those individuals that contribute their time to conducting comprehensive reviews. There were 329 reviews conducted in 2016 by 171 reviewers with 35 reviewers completing 47% of those reviews. The peer-review system is fundamental in our society and we are constantly seeking more individuals that will...
take the time to provide this critical service.

The following are the current members of the Editorial Board:

Editor-in-Chief: John B. Carey, Texas A&M University (2018)
Subject Editors:
Breeding and Hatcherries: G. Archer, Texas A&M University (2018)
Health and Disease: N. L. Tablante, University of Maryland (2019)
Meat Bird Management: J. P. Blake, Auburn University (2018)
Microbiology and Food Safety: M. E. Hume, USDA-ARS (2018)

Update on the Ag Guide

A. Bruce Webster
University of Georgia

The former Federation of Animal Science Societies (FASS) Scientific Advisory Committee on Animal Care (SACAC) was responsible for oversight of the Guide for the Care and Use of Agricultural Animals in Research and Teaching (Ag Guide). At its last meeting in 2015, the FASS SACAC reviewed the third edition of the Ag Guide and concluded that it was time for the document to be revised and updated. However, the SACAC was disbanded at the end of 2015 after the Poultry Science Association (PSA) and the American Society of Animal Science (ASAS) sold their interests in FASS to the American Dairy Science Society (ADSA). The three societies remain co-owners of the Ag Guide. In 2016, an understanding was reached among the three societies that each society would work independently on its species-specific chapters. Committees with representatives from all three societies would collaborate on the first five chapters of the Ag Guide, which cover subjects relevant to all agricultural species (general chapters). Each society would have a lead person to coordinate the Ag Guide revision effort across the societies.

The Poultry Science representatives on the former FASS SACAC, Ken Anderson, Karen Christensen, Ken Koelkebeck, and me, became the PSA Ag Guide Committee. With the approval of the PSA Board, it was decided to expand the single chapter on poultry in the current Ag Guide into three separate chapters covering meat-type poultry, egg-type poultry, and waterfowl. The writing committees recruited for these chapters have produced draft manuscripts, which are currently in review. When complete, the poultry chapters will be submitted to the PSA Board for approval. The PSA Ag Guide Committee has recruited individuals for each general chapter. When our sister societies have done the same, work will begin on the general chapters. These committees will report to jointly to the three lead Ag Guide representatives representing each society.

The timeline for completion of the new fourth edition of the Ag Guide is uncertain because it depends on how quickly each society proceeds in its own efforts. PSA has done well in accomplishing its Ag Guide goals thus far. After the draft Ag Guide has been compiled and accepted by the society boards of directors, it is intended that a process to solicit outside review and comment be implemented as was done for the third edition. For those interested, this process is described in the preface of the current edition of the Ag Guide. The review and comment period, with revisions and final approval by the society boards, is expected to take six months. The original timeline projected by PSA had the Ag Guide revision completed by November, 2017. Realistically, the completion date will likely be sometime in 2018.

Poultry Well-Being Committee Report

Karen Christensen
Chair, Committee on Poultry Well-Being

The Committee on Poultry Well-Being is hosting a seminar during this summer’s PSA meeting in Orlando, FL. The title of the symposium is, “The future is already here: Applications of Technology to poultry health and welfare.” The symposium will be Thursday morning, July 20th starting at 8:00 am. The speakers will include:

- Maja Makagon, PhD, UC Davis
  Technologies in poultry research and production: recent advances and future directions
- Inma Estevez, PhD, Neiker-Tecnalia & IKERBASQUE
  The App Universe; pocket tools to improve health and welfare.
- Daniel Berckmans, PhD – KU Leuven, Belgium
  Precision Livestock Farming
- Marian Dawkins, PhD - University of Oxford, UK,
  Optical flow analysis for real-time monitoring broiler welfare and health
- Wayne Daley, PhD, Georgia Tech Research Institute,
  Sensoring technologies and its application in poultry welfare
- Rachel Hawken, PhD, Cobb-Vantress
  Big Data analysis: The real crystal ball to predict the future?

This symposium will focus on the advancements in poultry welfare that have and that will come due to the utilization of new technology. Please join us to hear about the new technologies that are available to improving animal welfare. We appreciate our symposium sponsors, Cobb-Vantress, Perdue Farms and World Animal Protection.
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Perdue Farms Inc.
Proviron
Purina Animal Nutrition
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Upcoming Events

**National Breeders Roundtable**
May 4-5, 2017
Renaissance St. Louis Airport
St. Louis, Missouri

**Multi-State Poultry Feeding and Nutrition Conference**
May 23-25, 2017
Indianapolis Marriott East
Indianapolis, Indiana

**FIAPP Animal Nutrition Conference 2017**
June 14, 2017
Koelnmesse
Cologne, Germany

**58th Annual Poultry Festival**
June 16-17, 2017
JQH Convention Center
Rogers, AR

**Xth Symposium on Poultry Welfare 2017**
June 19-22, 2017
Ploufragan, Brittany, France

**32nd WPSA UK Poultry Science Symposium**
July 3-5, 2017
Clare College, Cambridge University
Cambridge, UK

AVMA/AAAP Annual Meeting
July 21-25, 2017
Indiana Convention Center
Indianapolis, Indiana

Live Production Symposium
August 1-2, 2017
Embassy Suites NWA
Rogers, AR

Nutrition Conference
September 6-8, 2017
Embassy Suites NWA
Rogers, AR

Minnesota Nutrition Conference
September 20-21, 2017
City Center Hotel
Mankato, Minnesota

National Meeting on Poultry Health, Processing & Live Production
September 25-27, 2017
Clarion Resort Fontainebleau Hotel
Ocean City, Maryland

Processors Workshop
October 18-19, 2017
Embassy Suites NWA
Rogers, AR

National Chicken Council Annual Conference
November 1-2, 2017
The Four Seasons
Washington, DC

Future Annual Meeting Locations

<table>
<thead>
<tr>
<th>2018 PSA Annual Meeting</th>
<th>July 23–26, 2018</th>
<th>Marriott RiverCenter</th>
<th>San Antonio, Texas</th>
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<tbody>
<tr>
<td>2019 PSA Annual Meeting</td>
<td>July 15–18, 2019</td>
<td>Fairmont the Queen Elizabeth</td>
<td>Montreal, Quebec</td>
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Coming This Fall:

An All-New Look for the PSA Peep