



SPEAKERS



Brian Beierle

American Farm Bureau Foundation for Agriculture

Brian serves as the STEM Director for the American Farm Bureau Foundation for Agriculture. He works with a dedicated team to bring science education and agricultural literacy to k-12 classrooms. Brian brings a strong background in STEM education, teacher development, and instructional technology to the Foundation. Brian worked 14 years in public education as a STEM instructor, instructional technologist, teacher coach and educational consultant. As a department leader, he and his team developed a k-8 STEM curriculum and launched three learning labs where students could apply STEM skills to solve real-world problems. His drive to bring more hands-on experiences for students did not stop there as he led efforts for his district to design and build makerspaces for all k-12 students. In his 14 years as an educator, Brian has coached and mentored countless teachers; always with a focus on improving classroom experiences through hands-on learning.



Chris Belnap, PhD

Resilient Biotics

Chris cofounded and launched Resilient Biotics in 2017. He holds a Ph.D. in microbiology, and his extensive research background has been focused on microbial ecology and microbiome-host systems. Chris has spent his career as a scientific leader investigating microbiome communities and conducting discovery of novel strains with unique functions. He has led Resilient through two rounds of venture funding to enable the development of the company's novel respiratory microbiome products. Chris has previously developed microbials for both plant and animal applications in other successful companies including DuPont Pioneer and Taxon Biosciences.



Jeff Bender, DVM, MS, DACVPM

Upper Midwest Agricultural Safety and Health Center (UMASH), University of Minnesota

Dr. Bender is a Professor in the Division of Environmental Health Sciences in the School of Public Health and the Director of the National Institutes of Occupational Safety and Health funded Upper Midwest Agriculture Safety and Health Center. The focus of his career has been on emerging issues that affect both animal and human health. As an infectious disease epidemiologist and veterinarian with 20 years of post-graduate experience, he has directed and collaborated on a broad range of research and surveillance projects pertaining to infectious and specifically zoonotic diseases (i.e. influenza, antibiotic resistant organisms, and foodborne diseases). His research is multidisciplinary, requiring collaborations from government officials, industry, and commodity organizations. This includes scientists in academia, NIH, Minnesota Department of Health, Minnesota Department of Agriculture, Department of Natural Resources, and private industry. He has also served on policy-making bodies designing programs to address emerging issues in public health, such as food safety, antimicrobial resistance, prevention of zoonotic influenza and enteric pathogens linked to human-animal contact.



Molly Bertz

American Farm Bureau Foundation for Agriculture

Molly is part of the American Farm Bureau Foundation for Agriculture education team working to build science education and agricultural literacy through k-12 STEM education. As the seventh generation to live and work on her family's century farm in west-central Missouri, hard work and agricultural stewardship are at the core of her values. With both of her parents serving as agricultural educators, the farm and school were always closely tied. These life experiences culminated Molly's desire to combine agriculture education and communications – through a lens of creativity. Molly's values of human connection, diverse perspectives and delivering solutions means she gets things done and creates genuine relationships along the way. As a project manager and learning designer, she delivers solutions through innovative thinking, asking critical questions, and manifesting shared values into tangible outcomes.



Katie Chiotos, MD, MSCE

Children's Hospital of Philadelphia (CHOP)

Katie Chiotos, MD, MSCE is an Assistant Professor of Anesthesia and Critical Care Medicine at the Perelman School of Medicine at the University of Pennsylvania and an Attending Physician in Pediatric Critical Care Medicine at Children's Hospital of Philadelphia (CHOP). She is the Medical Director of the CHOP Antimicrobial Stewardship Program. Her research interests include antibiotic and diagnostic test stewardship in the pediatric inpatient setting, pediatric sepsis, and gram-negative resistance.



Matthew A. Cleveland, PhD

ABS Global

Dr. Matthew Cleveland, a geneticist by training, is passionate about using technology and innovation to create a more sustainable food supply. He leads Beef Product Development at ABS Global, a Genus plc company, a world leader in animal genetic improvement. Sitting at the interface between science-driven R&D and a customer-focused sales organization, he and his team develop novel products and deliver more profitable and sustainable beef genetics to customers around the world. Matthew has a Ph.D. from Colorado State University, an MBA from the University of Wisconsin and resides near Columbus, Wisconsin with his wife Susan and three children.



Rachel Cumberbatch, DVM

Animal Health Institute (AHI)

Dr. Rachel Cumberbatch is the Director of International and Regulatory Affairs at the Animal Health Institute (AHI), a nonprofit trade association representing manufacturers of animal health products. In this capacity, Dr. Cumberbatch facilitates conversations between US regulators and industry on important topics, including antimicrobial resistance (AMR). Her work also includes representing industry in activities underway through international organizations, such as the Codex Alimentarius and Task Force on Antimicrobial Resistance. She was appointed as an advisor to the USDA Agriculture Technical Advisory Committee for Trade in Animals and Animal Products in January 2021.

Dr. Cumberbatch's experience includes clinical veterinary practice and serving as a science fellow at the US Environmental Protection Agency and the US Senate. Dr. Cumberbatch earned her Doctor of Veterinary Medicine (DVM) and Bachelor of Science in Animal Sciences from Purdue University.



Leah Dorman, DVM

Phibro Animal Health

During her 20 plus years as a veterinarian, Dr. Leah Dorman has seen many changes in agriculture, including consumers becoming more interested than ever before in their food and how it is produced. These questions deserve to be answered in a non-defensive, open and honest dialogue. She was hired by Phibro Animal Health Corporation as part of the company's commitment to encourage and support open dialogue about producing safe food, promoting animal health and balancing the needs of people, animals and the planet.

One of Dr. Dorman's current and favorite projects is Phibro's "Our Dairy Values" initiative, which has her working closely with US dairy farmers to clarify the family's Purpose and Values and helping them share their values in ways that engage farm employees and connect with consumers.

She is a member of the American Veterinary Medical Association, U.S. Animal Health Association and the National Institute for Animal Agriculture (NIAA) and is a board of director for several organizations including the U.S. Pork Center of Excellence, IFeeder and the Food Armor Foundation. In the past, she has worked on behalf of farmers for the Ohio Farm Bureau and was previously the Assistant State Veterinarian for the Ohio Department of Agriculture.

Dr. Dorman lives on a family farm in Ohio.



William T. Flynn, DVM, MS

U.S. Food and Drug Administration – Center for Veterinary Medicine

Dr. Flynn received a MS in Veterinary Preventative Medicine in 1987 and a DVM in 1991 from the Ohio State University. Following several years of private veterinary practice, Dr. Flynn joined the Food and Drug Administration's Center for Veterinary Medicine (CVM) in 1993. He served in various capacities in CVM's Office of New Animal Drug Evaluation with a focus primarily on issues related to therapeutic drugs for food-producing animals. From 2003 to 2008, he served as Director of CVM's Policy and Regulations Staff and is currently CVM's Deputy Director for Science Policy.



Heather Fowler, DVM, MPH, PHD, DACVPM

National Pork Board

Dr. Fowler completed her Veterinary Medical degree at the University of Pennsylvania School of Veterinary Medicine in 2010, a master's in Public Health in Applied Biostatistics and Epidemiology at the Yale School of Public Health in 2011, and a PhD in Environmental and Occupational Hygiene from the University of Washington School of Public Health in 2017. She is board certified in veterinary preventive medicine and has expertise in the areas of zoonotic disease, public health, worker safety and health, and One Health application. In the summer of 2017, Heather began work as the Director of Producer and Public Health at the National Pork Board where she oversees public health as well as occupational safety and health issues as they relate to swine production in the United States.



Andy Harig

FMI – The Food Industry Association

Andrew Harig is vice president of tax, trade, sustainability, and policy development for FMI – the Food Industry Association.

For the last 18 years, Harig has been responsible for representing FMI's members before Congress and the Administration, with a primary focus on agriculture, taxes, trade, food prices, and pensions. Prior to joining FMI, Harig was an associate trade advisor and speechwriter for the U.S. Senate Finance Committee under its Chairman, Max Baucus (D-MT). From 1999-2001, he was the senior research associate for the Global Economic Policy Project at the New America Foundation, a Washington, DC-based think tank. Harig started his public affairs career in Washington, DC as a research assistant at the Economic Strategy Institute, a non-partisan public policy research organization.

Harig holds a Bachelor's degree from the College of William and Mary and earned his master's at DePaul University in Chicago.



Elizabeth D. Hermsen, PharmD, MBA, FIDP, FIDSA

Merck & Co., Inc.

Dr. Hermsen is the Head of Global Antimicrobial Stewardship and Health Equity in Infectious Diseases at Merck & Co., Inc. and an Adjunct Associate Professor at the University of Nebraska Medical Center, Colleges of Pharmacy and Medicine, in Omaha, Nebraska. Dr. Hermsen received her Doctor of Pharmacy degree from the University of Nebraska Medical Center followed by a pharmacy practice residency at The Nebraska Medical Center, a fellowship in Infectious Diseases Research at the University of Minnesota, College of Pharmacy, and a master's degree in business administration at the University of Minnesota, Carlson School of Management. Following her fellowship, Dr. Hermsen developed and co-directed the antimicrobial stewardship program at The Nebraska Medical Center and subsequently joined Cubist, where she created and led the Antimicrobial Stewardship Outreach Group. Now, in her role at Merck, she is responsible for creating and executing a strategy to advance antimicrobial stewardship through education, implementation, research, and advocacy, with a global scope, across human, animal, and environmental health. Dr. Hermsen's role also focuses on health equity in infectious diseases, working across antimicrobials, virology, and vaccines.

Dr. Hermsen actively contributed to the advancement of the Society of Infectious Diseases Pharmacists (SIDP) Antimicrobial Stewardship Certificate Program during and after her term as SIDP President. She served as a contributing member of the Antimicrobial Stewardship Knowledge & Skills Collaborative, coordinated by the Society for Healthcare Epidemiology of America; an expert panel on Hospital-based Antimicrobial Utilization Surveillance via the National Healthcare Safety Network, coordinated by the Centers for Disease Control and Prevention; an expert panel coordinated by the National Quality Forum and CDC to develop the practical tool entitled, Antibiotic Stewardship in Acute Care: A Practical Playbook; and co-chaired the Antimicrobial Stewardship Work Package (1A) for the Innovative Medicines Institute (IMI) Driving Reinvestment in Research & Development and Responsible Antibiotic Use (DRIVE-AB) initiative. Dr. Hermsen was selected to serve on the Infectious Diseases Society of America (IDSA) Leadership Development Committee, and she served as the inaugural Chair of the newly-created SIDP Strategic Planning Committee.

Dr. Hermsen is a Fellow of SIDP and IDSA. She has contributed to the profession with numerous publications in peer-reviewed journals, book chapters, and by serving as a reviewer for several professional journals. Dr. Hermsen has given over 100 invited presentations at state, regional, national, and international meetings, and she gave a TED talk regarding antimicrobial stewardship and resistance at TEDx Omaha 2019.



Nellie Hill, PhD

Kansas State University

Dr. Nellie Hill is an assistant professor of agricultural communications and journalism at Kansas State University. Her teaching areas are agri-business communications, digital marketing strategy, and visual communications. Dr. Hill's research focuses on the persuasive elements of communicating the science of agriculture and natural resources with audiences including the public, policy makers, and industry professionals.



Lloyd W. Holterman

Rosy-Lane Holsteins

Great People. Great Cows. Great Returns. That is the vision of Rosy-Lane Holsteins, a dairy farm near Watertown, Wis., owned and operated by Lloyd and Daphne Holterman and their partners Tim Strobel and Jordan Matthews.

The farm focuses on sustainability through their genetics program, emphasizing breeding healthier, longer-living cows. In 1992, Lloyd started selecting for Productive Life (PL). Since then, he has added to his sire selection criteria: NM\$ (net merit dollars), pounds of fat, pounds of protein, calving ease, somatic cell count and daughter pregnancy rate. He has recently added Dairy Wellness Profit (DWP\$) to the list.

His proudest accomplishment is eliminating use of antibiotics in the milking herd for more than 98 months straight as of July 2021. Lloyd and his partners have grown the Rosy-Lane herd from 80 cows to 1,070 cows plus young stock. They have sold 125 bulls into AI and more recently, several high-value females.

The Rosy-Lane team consists of 20 full-time employees that help care for the animals and raise all forages. The farm grows 1,950 acres of corn and alfalfa and some grasses.

Rosy-Lane was a 2020 national winner for outstanding dairy farm sustainability as part of the U.S. Dairy Sustainability Awards.



Jamie Jonker, PhD

National Milk Producers Federation (NMPF)

As the Chief Science Officer and Vice President, Sustainability & Scientific Affairs, Jamie has general responsibilities in sustainability and scientific affairs, including animal health and welfare, animal biotechnology, dairy farm bio-security, dairy farm air and water quality, dairy farm sustainability, and technical service issues. He is also involved in coordinating relations with the Federation's Animal Health & Wellbeing Committee and Environmental Issues Committee. Dr. Jonker is active representing the Federation on numerous national and international committees, including the U.S. Animal Health Association (USAHA), the International Dairy Federation (IDF), the World Animal Health Organization (OIE), and Codex Alimentarius (Codex). In 2019, he was appointed to the USDA Secretary's Advisory Committee on Animal Health. He serves on the U.S. Animal Health Association Board of Directors. In 2020, he was elected as Chair of the IDF Science Program Coordinating Committee and serves on the IDF Board of Directors. Dr. Jonker has also served on the IDF Delegations to the Codex Committee on Residues of Veterinary Drugs, the Codex Ad Hoc Intergovernmental Task Force on Animal Feeding, and the Codex Ad Hoc Intergovernmental Task Force on Antimicrobial Resistance. In 2021, he was appointed as an ex officio member to the USDA APHIS Veterinary Services' National Animal Disease Preparedness and Response Program (NADPRP) Consultation Board. Jamie received his B.S. degree and M.S. degree from Cornell University, and his Ph.D. from the University of Maryland. Prior to joining NMPF, his career included 6 years of experience in agricultural policy including service at the National Academy of Sciences, the U.S. Environmental Protection Agency, and the U.S. House of Representatives Committee on Agriculture.



Sarah Kabbani, MD, MSc

The Centers for Disease Control and Prevention

Sarah Kabbani, MD, MSc is an adult infectious disease physician in the Office of Antibiotic Stewardship, Division of Healthcare Quality Promotion, National Center for Emerging and Zoonotic Infectious Diseases, Centers for Disease Control and Prevention. Her areas of concentration include older adult and long term care antibiotic stewardship.



Gayle Langley, MD, MPH

The Centers for Disease Control and Prevention

Gayle Langley received her B.S. from Cornell University, her M.P.H. from the University of Michigan, and her M.D. degree from the University of Rochester. She completed medical residency in pediatrics at the University of Virginia and served 4 years as a pediatrician in the Washington, D.C. area. She joined the Centers for Disease Control and Prevention (CDC) in 2006 as an Epidemic Intelligence Service Officer. At CDC, she worked as a Medical Epidemiologist on viral hepatitis and viral and bacterial respiratory infections before becoming Team Lead of the Enteric Diseases Epidemiology Branch's National Antimicrobial Resistance Monitoring System (NARMS) in 2020. The NARMS Team at CDC tracks antimicrobial resistance and studies patterns of emerging resistance in select enteric bacteria. In her spare time, she enjoys cycling and watching her son play ice hockey.



Terry Lehenbauer DVM, MPVM, PhD

University of California, Davis

Dr. Terry Lehenbauer is Professor and Director of the UC Davis Veterinary Medicine Teaching and Research Center (VMTRC) in Tulare, California which is the dairy production medicine educational and research center for the UC Davis School of Veterinary Medicine. His area of clinical expertise is dairy cattle herd health and disease prevention with an emphasis on infectious disease epidemiology, animal welfare, and antimicrobial stewardship. Dr. Lehenbauer represents the American Association of Bovine Practitioners on the AVMA Committee on Antimicrobials and is a member of the Food Armor Foundation Board of Directors. Dr. Lehenbauer earned his veterinary degree from Oklahoma State University and his MPVM degree and PhD in Epidemiology from UC Davis. He is board-certified by the American College of Veterinary Preventive Medicine and the Epidemiology Specialty.



Kelly Loganbill

Midan Marketing

As the leader on the Midan Marketing public relations team, Kelly Loganbill brings a wealth of strategic communications knowledge to the meat industry. Kelly's education background from Oklahoma State University and the University of Kansas is put to work, helping Midan clients and the meat industry find ways to tell the protein story. Before coming to Midan, Kelly worked for marketing communication agencies, leading brands ranging from agricultural machinery to animal health to pet food. Kelly is passionate about assisting clients in strategically finding ways to share their stories to help them achieve their brand goals. When she's not dreaming up new protein stories, Kelly can be found traveling around the country with her son to pig shows or finding new orange accessories to add to her OSU collection.



KatieRose McCullough, PhD, MPH

North American Meat Institute (NAMI)

Dr. KatieRose McCullough serves as a Director of Scientific and Regulatory Affairs at the North American Meat Institute, where she provides expertise on a variety of issues in the areas related to meat science, food safety, and public health. McCullough received her Bachelor of Science in Animal Science from Texas Tech University, her Master of Science in Animal Science from Oklahoma State University and her PhD in Animal Science from Colorado State University. She also has a Master's in Public Health from the Colorado School of Public Health focusing on Animals, People and the Environment.



Ted McKinney

National Association of State Departments of Agriculture (NASDA)

Ted serves as the Chief Executive Officer of NASDA, the National Association of State Departments of Agriculture, a position to which he was named in September 2021. Prior to NASDA, he was also the first U.S. Department of Agriculture (USDA) Under Secretary for Trade and Foreign Agricultural Affairs from 2017-2021. In that role, Under Secretary McKinney led the development and implementation of the Department's trade policy, oversaw and facilitated foreign market access, and promoted opportunities for U.S. agriculture through various trade programs and high-level government negotiations. He also oversaw the U.S. Codex Alimentarius staff and functions. After his USDA service, McKinney was engaged in foreign affairs and outreach involving the US food and agriculture industry and its engagement with the United Nations Food Systems Summits. In 2014, McKinney was appointed by then-Governor Mike Pence to serve as Director of the Indiana State Department of Agriculture, a position he held until joining USDA in 2017. His career also included 19 years with Dow AgroSciences, where over time he served in nearly all Government & Public Affairs roles, and 14 years with Elanco, at that time a subsidiary of Eli Lilly and Company, where he was Director of Global Corporate Affairs. His industry and civic involvement is vast, including service as founder and Co-Chair of the National FFA Convention Local Organizing Committee, membership on the Indiana State Fair Commission, and Purdue College of Agriculture Dean's Advisory Council, as well as on the boards of directors of the International Food Information Council and the U.S. Meat Export Federation. McKinney grew up on a family grain and livestock farm in Tipton, Indiana, and was a 10-year 4-H member and an Indiana State FFA Officer. He graduated from Purdue University with a B.S. degree in Agricultural Economics in 1981, at which time he received the G.A. Ross Award as the outstanding University senior male graduate. In 2002, he was named a Purdue Agriculture Distinguished Alumnus and, in 2004, received an FFA Honorary American degree. He has also received the Sagamore of the Wabash Award from Indiana Governors Pence and Holcomb.



Eric Moore, DVM

Norbrook, Inc.

Dr. Eric Moore received his DVM from Kansas State University College of Veterinary Medicine in 1994. He is a second-generation veterinarian from south central Nebraska. He was in rural private practice in western and central Kansas specializing in cow/calf, stocker and feedlot. In October of 2004 he joined Kansas State University as a clinical instructor in agricultural practices. In 2006 he joined Schering-Plough animal health as a technical services manager. Eric is currently employed with Norbrook Inc as Director of Technical Services – North America. Eric is a member of AABP, AASV, AVMA and NIAA. He currently serves AVMA on the Animal Agriculture Liaison committee. For the National Institute of Animal Agriculture, he currently serves on the executive board and serves as co-chair of antibiotics council and co-chair the antibiotic stewardship symposium. Eric is a long-time member of AVC and has served as a former co-chair and member of the Cattle health and Well Being committee and member of the scholarship committee.



Megin Nichols DVM, MPH, DACVPM

The Centers for Disease Control and Prevention

Megin Nichols serves as the Enteric Zoonoses Activity Lead at the Centers for Disease Control and Prevention. In this role, she works on multistate outbreaks of Salmonella and E. coli resulting from exposure to animals and animal products. She received a bachelor's degree in animal science from New Mexico State University, a doctorate in veterinary medicine from Colorado State University and a master's in public health in Food Safety and Biosecurity from the University of Minnesota. Her areas of research interest include impact of the exotic pet trade on native species, zoonotic disease, food safety and biosecurity, public health law and pediatric vaccine-preventable diseases.



Dr. Paul Plummer, DVM, PhD, DACVIM (LAIM), DECSRHM

National Institute of Antimicrobial Resistance Research and Education

Dr. Paul Plummer is the executive director of the National Institute of Antimicrobial Resistance Research and Education (NIAMRRE), housed at the Iowa State University Research Park. NIAMRRE was developed in 2018 as a result of a national search process led by the Association of Public and Land-grant Universities (APLU) and the American Association of Veterinary Medical Colleges (AAVMC) to identify a collaborative center to lead One Health efforts in AMR. Dr. Plummer is also a Professor and holds the Anderson Chair of Veterinary Sciences in the Departments of Veterinary Diagnostic and Production Animal Medicine and Veterinary Microbiology and Preventative Medicine at the Iowa State University College of Veterinary Medicine. Dr. Plummer's clinical specialty is internal medicine and infectious disease of ruminants.



Chelsea Shivley, PhD

U.S. Department of Agriculture - APHIS

Dr. Shivley is currently the Antimicrobial Resistance Coordinator for USDA APHIS Veterinary Services. Prior to this, Dr. Shivley spent 3 years working on the National Animal Health Monitoring System team, focused on collecting data on antimicrobial use and resistance in animal agriculture. Dr. Shivley served as an AVMA/AAAS Congressional Science Fellow in 2016-2017, working on the U.S. Senate Committee on Agriculture, Nutrition, and Forestry. Originally from Michigan, Dr. Shivley completed her undergraduate and veterinary degrees at Michigan State University. She then completed her PhD in Animal Behavior and Welfare at Colorado State University with Dr. Temple Grandin. Dr. Shivley is also board certified in the American College of Animal Welfare.



Shabbir Simjee, MD

Elanco

Elanco's Chief Medical Officer, Dr. Shabbir Simjee, has worked at the intersection of human and animal health for more than 20 years. An expert on antimicrobials and infectious diseases, Dr. Simjee has been instrumental in helping the animal agriculture industry address antimicrobial stewardship from a One Health perspective.

In his role with Elanco, he has global responsibilities for the company's antimicrobial portfolio and ensuring innovations exist to support healthy animals without negatively impacting the health of people.

Dr. Simjee is a past chair of the VetPath program, a Pan European antimicrobial resistance monitoring program; and past co-chair of the CLSI (Clinical and Laboratory Standards Institute) Veterinary Antimicrobial Susceptibility Testing Sub-Committee. He currently serves as Editor for the International Journal of Antimicrobial Agents, and has served as Editor for the Journal of Antimicrobial Chemotherapy. Before joining Elanco in 2004, Dr. Simjee worked at the U.S. Food and Drug Administration (FDA) Center for Veterinary Medicine, specifically looking at gene transfer between animal and human pathogens.

Dr. Simjee graduated with his MD from the University of Birmingham Medical School in England in 1992 with a specialty in infectious diseases. Upon medical school graduation, he received a Master's of Science in 1994 and a Ph.D., in 1998, also from the University of Birmingham Medical School.



Steven Solomon, MD, FACP, FIDSA

Global Public Health Consulting, LLC

Dr. Steve Solomon is a principal and founder of Global Public Health Consulting which was incorporated in 2015. He received a B.A. from Rutgers University and an M.D. from Tufts University. He is board certified in internal medicine, infectious diseases, and preventive medicine, and has been elected to Fellowship by the American College of Physicians and the Infectious Diseases Society of America.

Prior to retiring from government, Dr. Solomon held several senior executive positions at the U.S. Centers for Disease Control and Prevention (CDC), serving as Director of the Coordinating Center for Health Information and Service and Director of the Office of Antimicrobial Resistance. From 1989 to 2009 he was an attending and staff physician at the Veterans Administration Medical Center in Decatur, Georgia, and was an Assistant Clinical Professor of Medicine at Emory University School of Medicine. Dr. Solomon retired from the Commissioned Corps of the U.S. Public Health Service in 2010 at the rank of Rear Admiral. In addition to his roles at CDC, Dr. Solomon has previously served as chair of the Patient Safety Task Force of the U.S. Department of Health and Human Services (DHHS) and as Deputy Director of the Office of Healthcare Quality in the Office of the Assistant Secretary for Health in DHHS.

Through Global Public Health Consulting, LLC, he has provided advisory and consulting services to industry, clinical programs, non-profit organizations and governmental public health agencies. Since February 2020, his consulting work has focused on the epidemiology and public health response to the COVID-19 pandemic. In July 2020, Dr. Solomon became President of the Commissioned Officers Foundation for the Advancement of Public Health, promoting research and education on reform and restructuring of the public health system.



Bruce Stewart-Brown

Perdue

Bruce was born in Moline, IL (USA). He grew up in the small town (750) of Paw Paw. He attended the Iowa State University where he received his BS in 1980 and DVM in 1985. Bruce is a Diplomate of the American College of Poultry Veterinarians and a foundation auditor of the Professional Animal Auditor Certification Organization (PAACO).

Bruce joined Salsbury Laboratories in Charles City, IA after graduation from veterinary school. He worked as a technical services veterinarian visiting poultry companies in over 40 different countries. His career in the vaccine business lasted for 13 years, 3 different names for the company, and 4 different locations. His last position was with Fort Dodge Animal Health, in Overland Park, KS, as Director of Global Technical Services, Poultry.

In 1998, Bruce joined Perdue Farms as a field veterinarian on the Delmarva Peninsula and later that year became the Director of Health Services. In 2003, he became a Vice President of Food Safety and Quality within Perdue. Starting in 2013, Bruce has been Senior Vice President in charge of Food Safety, Quality, and Live Operations

Bruce co-authors the “Diseases of Public Health Significance” chapter in Diseases of Poultry. He also is co-author of the chapter “Nutrition and Management: Poultry” in the Merck Manual.

Bruce has been on a number of committees within AAAP through the years including the Awards Committee and the Program Committee. He was President of the American Association of Avian Pathologists in 2008–2009 received their Special Services award in 2015.



Taylor Spronk, DVM

Pipestone Veterinary Services

Dr. Taylor Spronk is a 2020 graduate from the University of Minnesota, where she received her DVM through the VetFAST program. She is originally from Pipestone, MN where she returned to practice swine exclusive veterinary medicine. Through Pipestone, Taylor is a staff veterinarian and data analyst within PART (Pipestone Antibiotic Resistance Tracker).



Ying Wang, PhD

U.S. Farmers & Ranchers in Action

Ying joins USFRA with more than two decades of experience in sustainability research and environmental assessment of food systems. Previously, Ying led sustainability strategy at the Innovation Center for U.S. Dairy, establishing its sustainability assessment program and leading life cycle assessments of dairy products and packaging across the value chain from farm to table. In that role, she was appointed to industry leadership roles as co-chair of the Large Ruminant Technical Advisory Group for United Nations Food and Agriculture Organization's Livestock Environmental Assessment and Performance (LEAP) partnership, and as Sustainability Lead and chair of the International Dairy Federation's (IDF) Standing Committee on Environment. Ying and her family live in Chicago.



Jean Whichard, DVM, PhD

The Centers for Disease Control and Prevention

Jean Whichard received her B.A. in Chemistry from Mary Baldwin College, and her D.V.M. and Ph.D. degrees from the Virginia-Maryland College of Veterinary Medicine at Virginia Tech. For the past several years, she has worked at the Centers for Disease Control and Prevention in Atlanta, Georgia in the Division of Foodborne, Waterborne, and Environmental Diseases. She leads the National Antimicrobial Resistance Surveillance Team in the Enteric Diseases Laboratory Branch, which conducts laboratory testing for the human surveillance component of the National Antimicrobial Resistance Monitoring System (NARMS; www.cdc.gov/narms). Her team's portfolio includes traditional broth microdilution antimicrobial susceptibility testing, targeted bacterial genetic studies, and use of state of the art tools for predicting antimicrobial resistance from whole genome sequence data. Surveillance includes frequency-based samples of *Campylobacter*, *Salmonella*, Shiga toxin-producing *E. coli*, *Shigella*, and *Vibrio* isolated from ill humans, and also includes representative isolates from outbreaks. She also served as CDC's representative to the AVMA Task Force for Antimicrobial Stewardship in Companion Animal Practice. Her interests include transmission of antimicrobial resistance among humans, animals and their environments; electronic management and presentation of public health surveillance data; and antimicrobial stewardship.