I have been honored to serve the animal agriculture industry alongside the members, leadership and staff who make up the NIAA team, and would like to thank each of you for your dedication and the outstanding year we’ve experienced together. As we look back on 2016, we see a year that included many challenges, yet we also see ways being paved for new opportunities. Our primary mission has been furthered as we have provided collaborative discussion across the aquaculture, beef, dairy, equine, poultry, small ruminant, and swine communities and brought animal agriculture to consensus and action on critical issues impacting us all.

The 2016 Annual Conference held in Kansas City, Missouri, took on the timely theme of finding ways for producers to be proactive in protecting their animals from illness. “From Farm to Table – Food System Biosecurity for Animal Agriculture: Identifying Risks, Challenges and Solutions” provided an in-depth look at biosecurity and how it affects the animal agriculture industry. Producing a safe and affordable food supply takes commitment from all industry partners to increase biosecurity in the U.S.

Concluding the Annual Conference was a series of seminars focused on “BVD, An Industry Prevention Strategies & Solutions Forum.” This Forum was co-sponsored by NCBA.

Antibiotics Resistance, examined since 2010 in annual NIAA-hosted Antibiotics Symposia, was even more in the spotlight this year as the industry readied itself to comply with new VFD regulations put into effect January 1st of this year. November’s Symposium in Herndon, Virginia, “Antibiotic Use – Working Together for Better Solutions,” brought together diverse viewpoints as participants and presenters from across animal agriculture, public health and governmental regulatory agencies gathered to find common ground. The Symposium provided a unique forum to respectfully share varied points so all concerns and objectives could be heard in order to make progress.

The second annual Equine Forum co-hosted and presented by NIAA and USAHA and held in Denver, Colorado, explored a changing world, technology, and the implications for the horse industry. The main focus of the Forum was to get this diverse group of professionals from within the horse industry together to share the latest on the state of today’s technology, its uses, and how it benefits not only the individual breeder, the discipline association and equine health officials, but also individual horse owners and their horses. Presentations were followed by ‘think tank’ discussions by the attendees.

The 2017 Annual Conference, “U.S. Animal Agriculture’s Future Role in World Food Production: Obstacles & Opportunities” being held in Columbus, OH will focus on the globalization of food production. Many of the issues at the forefront relate to the process of meeting the needs of the national and international marketplace today, and feeding the world tomorrow. Disease traceability, feed issues, hormone and antibiotic use, GMOs, animal welfare, and sustainability influence world herd health, while market-driven value added programs and financial trends impact productvity here at home.

An added day of seminars on April 6th is themed “Animal Care Standards – How Laws, Company Commitments, and Public Perception Have Changed the Landscape” where concentration on animal welfare and well-being will be explored with upcoming legislation, the media and other influencers.

Each of these impactful and important events are part of the commitment NIAA has to our members, the animal ag industry and our community.

Another accomplishment from this past year was the launch of the Interstatelivestock.com website. The user-friendly site offers quick, accurate state import requirements for livestock and is the effort of both USAHA and NIAA.

The strength of our organization continues to be leaders in animal agriculture joining together as NIAA to drive positive change for our industry. It has been a privilege to serve as chairman of this exceptional organization and I look forward to the year ahead.

Sincerely,

Dr. Tony Forshey DVM
As a member-driven non-profit, the National Institute for Animal Agriculture works to unite and advance the aquatic livestock, beef, dairy, equine, poultry, small ruminant, and swine industries comprising animal agriculture.

NIAA’s Board of Directors represents a cross-section of state and national association leadership, private practice and government veterinarians, extension specialists, educators, researchers, state and national government regulatory personnel, producers, and allied business professionals.

NIAA’s volunteer Board of Directors governs the organization, provides continuity for the organization, monitors programs and services, and accounts to the members and the public for the operations and services of the organization and expenditures of its funds.

NIAA provides industry professionals with opportunities for knowledge and education leading to improvement in food animal production. Its focus is to create a safer and continuingly wholesome food supply, improved animal care and handling, and the eradication of costly diseases threatening the health of the country’s domestic animal population.
Board of Directors

Ms. Manoella Alves  
DeLaval, Inc.

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Norbrook, Inc.

Mr. John Saunders  
IMI Global, Inc.

Dr. Rick Sibbel  
Merck Animal Health
The 2016 Annual Conference “From Farm to Table – Food System Biosecurity for Animal Agriculture: Identifying Risks, Challenges and Solutions” held in Kansas City, Missouri, explored an issue filling current headlines as PEDv and Avian Flu ravaged production across the nation. An in-depth look at biosecurity and how it affects the animal agriculture industry focused on proactive ways of protecting animals from illness. Dealing with biosecurity issues related to animal disease outbreaks has been an evolution in response and planning. Producers as well as government officials learned a great deal during the recent disease outbreaks. Industry partners are taking steps to ensure outbreaks are well-managed and industry preparedness is increased.

A safe and affordable food supply takes a strong commitment to education and change by all industry partners to increase biosecurity in the U.S.

The opening session featured three regulatory experts from the public safety and academic arenas. Dr. John Clifford, Deputy Administrator, USDA, presented Protecting U.S. Agriculture – Biosecurity Past, Present & Future. Dr. James A. Roth, Director of the Center for Food Security and Public Health at Iowa State University spoke on Evolution of Biosecurity – Recommendations for the Secure Food Supply Plans and Dr. Jack Shere, Associate Deputy Administrator, USDA APHIS VS explored Biosecurity & Indemnity – The Path Forward. Clifford, Roth and Shere led a panel discussion to finish out the morning session.

Over 40 experts speaking on 12 different agendas during Committee and Council Meetings provided further insight into Biosecurity from a species-specific or highly targeted topic angle, plus ongoing and trending concerns to the broad animal agriculture industry were also discussed.

The final session featured Glynn Tonsor, PhD, Associate Professor, Kansas State University addressing Understanding Incentives for Livestock Biosecurity Investments & Efforts; Gary Huddleston, Manager, Feed Manufacturing Safety & Environmental

Dr. Michelle Kromm – Jennie-O Turkey Store
Affairs, American Feed Industry Association discussed Biosecurity for Feed: Guidance for Developing Biosecurity Practices for Feed and Ingredient Manufacturing; Michelle Kromm, DVM, Director of Technical Services, Jennie-O Turkey Store presented on HPAI: Lessons Learned and Changes Implemented from a Producer Perspective; and Travis Schaal, DVM, Internal Technical Services Manager, Hy-Line International closed out the afternoon with Egg Layer Biosecurity: A Change in Culture.

Participants of the three-day Conference earned up to 13 CEUs from the American Registry of Professional Scientists (ARPAS).

An added Forum on “BVD, An Industry Prevention Strategies & Solutions” for beef producers and animal health officials concluded the Annual Conference which was co-sponsored by NCBA. The Forum provided an opportunity for producers, researchers and veterinarians to share the latest developments in understanding and control of the BVD virus.
Antibiotics Symposium VI

Antibiotic Use — Working Together for Better Solutions
For Animal Agriculture and Human Health

The sixth in a series of Symposia discussing the evolving challenge of Antibiotic Resistance, the 2016 Antibiotics Symposium held in November in Herndon, Virginia was more timely than ever as new VFD regulations took effect January 1, 2017. “Antibiotic Use – Working Together for Better Solutions,” welcomed varying points of view, providing a setting for thoughtful exchange of ideas for the betterment of animal and human health. Presenters from organizations such as the CDC, FDA, and USDA along with industry leaders, retailers, processors, producers and experts in human, animal and public health joined together to define what appropriate use of antibiotics truly means and to identify the core elements of stewardship.

Attendees and presenters alike came with the same goal — to combat antibiotic resistant bacteria. To do so, the stakeholders came committed to find common ground. Progress made collaboratively through open and candid dialog from many different perspectives is what made the NIAA Symposium unique.

The two-day Symposium featured a large team of speakers. Dr. Steve Solomon, Global Public Health Consulting, and Dr. Eric Moore, Norbrook, Inc. moderated the Symposium, as well as acted as Planning Committee co-chairs. Opening the first session were M.A. McCrackin, DVM, PhD, Veterinary Medical Officer & Associate Professor, Comparative Medicine, Charleston VA Medical Center Research Service and Medical University of South Carolina who presented her research on Drug-Resistant Foodborne Campylobacteriosis in Humans: Is there a Link to Antibiotic Use in Agricultural Animals? and Dr. Michael Murphy, Veterinary Medical Officer, CVM/FDA who spoke on Medically Important Antimicrobials in Animal Agriculture.

Panel discussions filled much of the Symposium agenda.
The United States Animal Health Association (USAHA) and the National Institute for Animal Agriculture (NIAA) hosted their second Equine Forum in Denver, Colorado. “Advancing ID, Technology & Electronic Health Records” explored a changing world and associated technology for the horse industry. Equine industry leaders discussed all aspects of equine identification and defined solutions to protect the future of the equine industry in the U.S.

Subject matter experts led small group discussions on industry challenges related to equine identification and traceability, as well as how to enhance communication and collaboration industry-wide at the local, state and national levels. The Equine Forum provided an opportunity for horse industry stakeholders to join together to get a better perspective of the state of today’s technology, its uses, and its benefits. Establishing consensus on the parameters of a national equine identification program, and providing recommendations for advancing equine identification technologies and electronic data capture methodologies were primary goals.

The two-day Forum featured several panel discussions as well as presentations by industry experts, private practitioners, horse owners and association executives. Topics ranged from Database Management, Certification Systems and Microchips to next steps and the future of Traceability.
The National Institute for Animal Agriculture serves the animal agriculture industry by providing opportunities to build consensus across the aquatic livestock, beef, dairy, equine, poultry, small ruminant, and swine communities. NIAA extends continuing education and communication linkages to animal agriculture professionals across the industry. NIAA is dedicated to eradicating diseases endangering the health of animals, wildlife and humanity; promoting a safe and wholesome food supply for our nation and the world; and advancing best practices in environmental stewardship, animal health and welfare.

Committees and Councils

Aquatic Livestock Committee
To advance sustainable aquatic livestock (aquaculture) industries, by addressing key issues relevant to farmed aquatic animal health, well-being, seafood safety, public health and environmental concerns.

Co-Chairs:  Ms. Angela Caporelli – Kentucky Department of Agriculture
            Mr. Todd Low – Hawaii Department of Agriculture

Bovine Committee
The committee objectives are to facilitate the development and implementation of programs to control and eradicate beef and dairy cattle diseases and programs to assure the wholesomeness of food products derived from milk and beef.

Co-Chairs:  Dr. Nathan Dewsbury – Individual Member
            Dr. Anthony Good – Select Sires, Inc.

Equine Committee
To address key equine health issues relevant to the economic well-being of the U.S. equine industry.

Co-Chairs:  Dr. Carl Heckendorf – Colorado Department of Agriculture
            Dr. Thomas Lenz – Zoetis

Poultry Committee
To work in cooperation with and build consensus among poultry organizations, to share educational materials and advance solutions for healthy, safe and secure poultry production.

Co-Chairs:  Dr. Hector Cervantes – Phibro Animal Health
            Dr. Terry Slaten – Alabama Department of Agriculture and Industries

Small Ruminant Committee
To work in cooperation with the sheep and goat industries to address the animal health and care challenges of those industries.

Co-Chairs:  Dr. Jim Logan – Wyoming Livestock Board
            Mr. Paul Rodgers – American Sheep Industry Association

Swine Committee
To develop a comprehensive swine health agenda that includes regulatory animal health, animal welfare, biosecurity and food safety assurance.

Chair:  Dr. Andrew Bowman – The Ohio State University

Animal Care Council
To identify and monitor issues surrounding the care and handling of livestock and to develop resources and educational materials for distribution to industry, producers, educators and other individuals interested in livestock care issues.

Co-Chairs:  Mr. Ernie Birchmeier – Michigan Farm Bureau
            Chelsea Good, J.D. – Livestock Marketing Association
Animal Health Emergency Management (AHEM) Council
To provide a forum for representatives from animal agriculture, the veterinary profession, governmental agencies and academia to address animal health emergency management (AHEM) issues that may adversely affect animal agriculture or public health.
    Co-Chairs: Dr. Lucas Pantaleon – Virox Animal Health
               Dr. James Averill – Michigan Department of Agriculture and Rural Development

Animal Identification & Information Systems Council
To play an important role in bringing unresolved issues such as advocating cost-effective technologies and systems for modernizing the identification of livestock that has significant implications for residue avoidance, disease control and providing management information to producers.
    Co-Chairs: Dr. Boyd Parr – Clemson University
               Dr. Robert Fourdraine – Individual Member

Antibiotics Council
To enhance an animal agriculture industry that is aligned with judicious antibiotic use policies and practices.
    The mission of the Antibiotics Council of NIAA is to facilitate and encourage:
    1. The judicious use of antibiotics in food animal production to ensure public health, food safety, animal health and welfare
    2. Applying sound sciences as the basis for decision making and policy development regarding antibiotics in food animal production
    3. Education and communication on the role, benefits, risks and most current information on antibiotic uses in food animal production
    4. Leadership and partnership with food chain stakeholders (from farms to consumers to allied industry, etc.) to promote judicious antibiotic use policies and practices
    Co-Chairs: Dr. Patrick Gorden – Iowa State University
               Dr. Eric Moore – Norbrook, Inc.

Emerging Diseases Council
Stay abreast of emerging animal diseases and educate the NIAA membership about them. Create resolutions and position statements regarding emerging animal disease issues, which are aimed at benefiting animal health and U.S. animal agriculture.
    Co-Chairs: Dr. Carla Huston – Mississippi State University
               Dr. Julie Smith – University of Vermont

Global Animal Health, Food Security & Trade Council
Identify current problems with national and international trade by cross-disciplinary discussion between government, academia, and industry and recommend solutions through the novel application of information, communication, and technology.
    To enhance and assure the wholesomeness of products derived from livestock and to encourage research to identify, develop and implement management strategies to avoid and eliminate contamination from products derived by livestock.
    By action of the NIAA Board of Directors and Committee concurrence, the Animal Health & International Trade and Animal Production Food Safety & Security Committees have been merged into the Global Animal Health, Food Security & Trade Council.
    Co-Chairs: Dr. Leonard Bull – Logical Solutions Consulting, LLC
               Dr. Linda Hickam – Missouri Department of Agriculture
NIAA Membership Levels and Benefits
Overview of membership tiers

Services and Benefits
- Serve on Committees & Councils — be integrally involved in addressing key issues affecting animal agriculture
- Become a Leader — utilize talents and enhance your leadership portfolio by serving with a prominent national organization
- Voting Rights — allows you to influence industry direction
- List Serves — peer-to-peer interaction and discussion on timely topics
- Receive News & Information for Animal Agriculture
- Weekly News Bulletin — stay abreast of industry news and information relating to key issues in animal agriculture
- Virtual Membership Directory — be listed with a direct link to member organization sites
- Discounts on Meeting Registrations — save money on educational meetings/conferences/continuing education opportunities

Membership in the NIAA is open to all persons and entities, subject to review and approval by the NIAA Board of Directors. Membership in the NIAA is not based on race, color, national origin, age, disability, sex, religion or political beliefs. The NIAA provides a forum for open discussion on differing viewpoints affecting agriculture. However, NIAA's Board of Directors reserves the right to deny an application for membership when, in its sole discretion, it determines that an applicant's membership will be unduly disruptive or contrary to the mission and goals of the NIAA.

Membership Categories
National Associations and Commercial Organizations
Membership for organizations and corporations that operate at a national or international level, as well as federal agencies (such as USDA, APHIS, FSIS, FDA and DHS). Multiple organization contacts permitted within this membership, full voting privileges.

State Level Associations & Publicly Supported Institutions/Agencies
Membership for state government agencies, diagnostic laboratories, university-affiliated groups or associations that operate at a state level, and also federal agencies at regional locations. Multiple organization contacts permitted, full voting privileges.

Individuals (Self-Employed)
Membership for self-employed or small entities, such as producers, practitioners, retirees or others that do not fit a state or national level membership. Single contact, full voting privileges.

NIAA Mission
- Providing a forum for building consensus and advancing proactive solutions for animal agriculture
- Providing continuing education and communication linkages to animal agriculture professionals
- Providing a platform across animal agriculture for networking and gaining mutual insight

NIAA's purpose is to provide a source for individuals and organizations to obtain information, education and solutions for challenges facing animal agriculture.
**2016 NIAA Membership**
As of March, 2017

**National Members**
DeLaval, Inc.
American Assn of Bovine Practitioners
American Assn of Swine Veterinarians
American Assn of Vet Lab Diag
American Dairy Goat Association
American Farm Bureau Federation
American Feed Industry Association
American Horse Council
American Sheep Industry Association
American Veterinary Medical Assn
Applegate, LLC
AquaBounty Technologies
Canadian Swine Health Board
Computer Aid, Inc.
Dairy Farmers of America, Inc.
Elanco
Federation of Animal Science Societies
Holstein Association USA, Inc.
Livestock Marketing Association
National Farmers Union
National Livestock Credit Corporation
National Livestock Producers Assn
National Milk Producers Federation
National Pork Board
National Pork Producers Council
National Renderers Association, Inc.
National Swine Registry
North American Meat Association
Trace First

**Commercial Organizations**
Equity Cooperative Livestock
Allflex, USA (incl. Destron Fearing, SCR and Biomark)
Alltech, Inc.
APC, Inc.
Boehringer Ingelheim Vetmedica, Inc.
Cargill Meat Solutions
Cooper Farms, Inc.
Dairy Records Management Systems
Dairylea Cooperative, Inc.
Darling Ingredients, Inc.
EZid - AVID ID Systems
Farm Credit
Fort Supply Technologies, LLC
GEA WestfaliaSurge, Inc.
GlobalVetLINK
HANA Micron America/AniTrace
Hawkeye Steel Products, Inc.
IDEXX Livestock, Poultry and Dairy
IMI Global, Inc.
ITS Global
Merck Animal Health
Moly Manufacturing, Inc.
Murphy-Brown, LLC
MWI Veterinary Supply
Neogen Corporation
Norbrook Laboratories Ltd.
Phibro Animal Health Corp.
Qiagen, Inc.
Select Sires
Smith-Bucklin United Soybean Board
Symbioid Global
Temple Tag/Z Tags
Thermo Fisher Scientific
Virox Technologies
VMRD
Wiechman Pig Co., Inc.
Y-TEX Corp.
Zoetis Animal Health

**State Members**
Alabama Cattlemen’s Association
Alabama Dept of Ag & Industries
Alabama Farmers Federation
Alabama Poultry & Egg Association
Alaska Dept of Environmental Conservation
Arizona Department of Agriculture
Arkansas Farm Bureau
Arkansas Livestock & Poultry Commission
California Dept of Food & Agriculture
Colorado Dept of Agriculture
Colorado State University
Delaware Dept of Agriculture
Florida Dept of Agriculture & Consumer Services
Florida Farm Bureau Federation
Georgia Dept of Agriculture
Hawaii Dept of Agriculture
Idaho State Dept of Agriculture
Illinois Beef Association
Illinois Farm Bureau
Illinois Milk Producers Association
Illinois Pork Producers Association
Indiana Soybean Alliance
Indiana State Board of Animal Health
Iowa Dept of Ag & Land Stewardship
Iowa Dept of Homeland Security and Emergency Management
Iowa Farm Bureau Federation
Iowa Pork Producers Association
Iowa State University
Kansas Dept of Agriculture
Kansas Farm Bureau
Kansas State University
Kentucky Dept of Agriculture
Kentucky Farm Bureau Federation
Louisiana Farm Bureau Federation, Inc.
Maryland Dept of Agriculture
Michigan Dept of Agriculture & Rural Development
Michigan Farm Bureau Federation
Michigan Pork Producers Association
Minnesota Board of Animal Health
Minnesota Pork Board
Mississippi Board of Animal Health
Mississippi State University
Missouri Dept of Agriculture
Montana Dept of Livestock
National Assn of State Depts of Ag
Nebraska Dept of Agriculture
New Jersey Dept of Agriculture
New Mexico Livestock Board
New York Department of Ag & Mkts
North Carolina Dairy Producers Assn
North Carolina Dept of Ag & Consumer Services
North Dakota Dept of Agriculture
Ohio Aquaculture Association
Ohio Dept of Agriculture
Ohio Farm Bureau
Ohio State University
Ontario Pork Producers Mkting Bd
Oregon Department of Agriculture
Pennsylvania Dept of Agriculture
South Dakota Animal Industry Board
South Dakota Pork Producers Council
South Dakota State University
Tennessee Dept of Agriculture
Texas Animal Health Commission
Texas Cattle Feeders Association

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2016 NIAA Membership continued
As of March, 2017

Texas Christian University
Texas Farm Bureau
Texas Veterinary Medical Diagnostic Lab
Tri-State Livestock Credit Corp.
University of Minnesota
Utah State Department of Agriculture
Vermont Agency of Agriculture
Virginia Department of Agriculture Animal and Food Industry Services
Virginia Farm Bureau Federation
Washington State Dept of Agriculture West Virginia Dept of Agriculture
Wisconsin Dept of Agriculture, Trade, & Consumer Protection
Wisconsin Horse Council
Wisconsin Livestock Identification Consortium
Wyoming Livestock Board

Publicly Supported Institutions
American Goat Federation
Auburn University
Beef Cattle Institute
Clemson University
Department of Veterinary Science/University of Kentucky
Farm Credit Services of Mid-America
National Livestock Commission Assn
Northwest Dairy Association
Producers Livestock Marketing Assn
Purdue University
Southeast United Dairy
The University of Connecticut
University of California - Davis System
University of Missouri VMDL
University of Tennessee
Western Dairy Association

Individual Members
Dr. Marit Arana
Dr. Leonard Bull
Mr. Victor Clark
Dr. Michael Coe
Mr. Terry Detrick
Mr. Keith M. Ketrick
Mr. Nathan Dewsbury
Dr. Pernilla Fajersson
Dr. Mark FitzSimmons
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R. Scott Stuart
Managing Director

Katie Ambrose
Chief Operating Officer

Mona Wolverton
Events Coordinator

Bobbie Williams
Finance

Polly Welden
Marketing/Communications

Angela Luongo
Project Coordinator
NIAA Annual Awards

Chairman’s Award
The NIAA 2016 Chairman’s Award is presented to Dr. Michael Coe, Animal Profiling International (right) and NIAA Executive Committee member by Mr. Glenn Fischer, 2015 NIAA Board Chair.

Meritorious Service Award
Dr. Richard Breitmeyer, Past Meritorious Award Recipient, presents the 2016 NIAA Meritorious Service Award to Dr. John Clifford, APHIS’ National Import/Export Service (right).

President’s Award
Co-Chair of the NIAA Antibiotics Special Issues Council, Dr. Eric Moore, Norbrook Labs, receives the President’s award from Katie Ambrose, NIAA Chief Operating Officer (left).

Advocate for Animal Agriculture Award
Engle (center) accepts the 2016 NIAA Advocate Award presented posthumously to her husband, Dr. Mark Engle, formerly with Merck Animal Health. The award was presented by Scott Stuart and Katie Ambrose.