

## List of Think Tank on Animal Agriculture Speakers, 1999-2018

Speaker	Title or Department	Topic
Gene Freeman	Dept. of Animal Science	Use of antibiotics in animal agriculture
Dennis Marple	Dept. of Animal Science	FAIR 2002: Symposium on food animal research
Stan Johnson	Associate Provost for Extension	Controversies on use of genetically modified organisms
Al Trenkle	Department of Animal Science	Hormone use in the beef industry
Steve Nissen	Department of Animal Science	Development of a university-wide animal research initiative
Susan Lamont	Department of Animal Science	Are there biological limits to animal production?
Bill Franklin	Department of Animal Ecology	Alternative livestock in animal agriculture
Joe Morris and Robert Summerfelt	Department of Animal Ecology	Status and future of aquaculture
Nolan Hartwig	Department of Veterinary Diagnostic and Production Animal Medicine	Do the most productive food animals have more disease problems?
Wendy Powers-Schilling	Department of Animal Science	Impact of environmental issues on the future of animal agriculture
Solon A. Ewing	Department of Animal Science	The land grant idea: An important new dimension
Floyd Barwig	Director of Iowa Energy Center	How will livestock farmers meet their future energy needs
Harley W. Moon	Department of Veterinary Pathology	BSE and the future of animal agriculture
Anthony Pometto	Department of Food Science and Human Nutrition	Feeding space travelers

Max Rothschild	Department of Animal Science	Patenting and the role it may play in animal agriculture
Michael D. Apley	Department of Veterinary Diagnostic and Production Animal Medicine	Antimicrobial resistance issues for food animals
Bruce Babcock	Department of Economics	The livestock sector's stake in farm policy
Greg Geoffroy	President of Iowa State University	Thinking big - What are the bold new initiatives for the animal sciences
Norman Cheville	Dean of the College of Veterinary Medicine	Biological warfare and agroterrorism
Keith Murray	Director of National Animal Disease Center	Research emphases at the National Animal Disease Center
Cathy Woteki	Dean of the College of Agriculture	Issues, challenges and future direction of biotechnology
Curtis Youngs	Department of Animal Science	Embryo manipulation for agriculture and biomedicine
Wayne Rowley	Department of Entomology	As the crow flies: The spread of the West Nile virus
Max Rothschild	Department of Animal Science	Activities of the Center for Integrated Economics
Al Trenkle	Department of Animal Science	Integration of commercial ethanol production to the Iowa livestock industry
Fred Kirschenmann	Director of the Leopold Center	The future of animal agriculture in Iowa
Mike Fastenau, Joe Jones and Paul Stueckrad	Iowa Department of Economic Development	How can Iowa State faculty and the Iowa Department of Economic Development work together for the economic health of Iowa
James Dickson	Chair for the Department of Microbiology	Ongoing and new initiatives in food safety on our campus
Diane Birt	Chair for the Department of Food Science and Human Nutrition	Diet and cancer prevention, the role of meat consumption

Maynard Hogberg	Department of Animal Science	Animal Agriculture in Iowa: Where are we going
Mark Kehrli	National Animal Disease Center	Inflammation: Cost/benefit ratio
G. Joe Lyon	Dairy farmer and leader from Tama, IA	Where is Iowa State University and where is it going? Viewpoints of a dairy farmer
Paul Flakoll	Department of Food Science and Human Nutrition, Department of Animal Science and Director of the Center for Designing Foods to Improve Nutrition	Animal nutrients to promote human health
Howie Smith	Department of Research Discovery at Pioneer Hi-Bred International	Will increasing the price of food reduce the obesity epidemic in the United States?
James West	Westwood Embryo Services	Bovine embryo transfer: Where we have been and where we are going
Neil Harl	Department of Economics	Changing structure of agriculture
Kevin Stiles, Alison Smith, Joel Brinkmeyer, Kevin Vinchattle and Gretta Irwin	Midwest Dairy (Stiles), International Plant Protection Convention (Smith), International Communication Association and Iowa Beef Industry Council (Brinkmeyer), Iowa Egg Council (Vinchattle) and Iowa Turkey Council (Irwin)	We can do even more together to promote animal agriculture
Jay Harmon	Department of Agriculture and Biosystems Engineering	Alternative housing systems: is profiting from perceived animal welfare ethical?
Marty McVey	Chief Economist at Agri Industries	How will corn availability impact the animal industry of Iowa
John Brighton	Provost at Iowa State	Research and economic development trends at Iowa State: What are the critical issues in animal agriculture and research

Darrell Trampel	Department of Veterinary Diagnostic and Production Animal Medicine	Bird flu: The rest of the story
Al Trenkle and Jim Penney	Department of Animal Science (Trenkle) and Owner of an ethanol plant (Penney)	Iowa ethanol: An agriculture catastrophe or an opportunity for change
Jim Harp	Scientist and Research Program Representative at the National Animal Disease Center	Through the looking glass and what Alice found there; a view from the inside of modernization
Craig Lang	President of Iowa Farm Bureau	Iowa's agriculture future: Are you prepared?
Wallace Huffman	Department of Economics	Consumer acceptance of genetically modified foods and agricultural biotechnology: effects of labels and diverse information
H. Scott Hurd	Department of Veterinary Diagnostic and Production Animal Medicine	The public health benefits and risks of antibiotic use in food animals: Possibly probable or probably possible?
Judy Stabel	Lead Scientist at National Animal Disease Center	Johne's disease and milk: Do consumers need to worry?
Kevin Custer	American Protein Inc.	BSE and rendering: past, present and future
Wendy Wintersteen	Senior Associate Dean for the College of Agriculture	The role of the College of Agriculture in supporting economic and rural development through animal agriculture
John Thomson	Dean for the College of Veterinary Medicine	Veterinary medicine: A critical resource for the state of Iowa and our nation
Pam White	Department of Food Science and Human Nutrition	What are trans fats, why are they in our foods and what is the industry doing about it?

Anna Butters-Johnson	Department of Animal Science	Swine well-being: Current and future challenges — how is the industry addressing this?
Jim Pease	Department of Natural Resource Ecology and Management	Issues in livestock and wildlife: compatible or not?
Walt Armbruster	Iowa Farm Bureau	Future of animal agriculture in North America
Eugene Tackle	Department of Agronomy	Climate change and animal agriculture: thinking beyond the spherical steer
Steven J. Hoff	Department of Agriculture and Biosystems Engineering	Air quality and animal agriculture
Nancy Degner, Karen Hayes, Gretta Irwin, Joyce Hoppes, CArrie Scheidel	Iowa Beef Industry Council (Degner), Iowa Egg Council (Hayes), Iowa Turkey Federation (Irwin), Iowa Pork Association (Hoppes) and Midwest Dairy Association (Scheidel)	What new animal — derived foods are on the horizon?
Betsy Hoffman	Provost for Iowa State	The impact of the new budget model on animal agriculture research
David Faber	Trans Ova Genetics	Animal transgenesis
Don Reynolds	Associate Dean for the College of Veterinary Medicine	An overview of the research activities in the College of Veterinary medicine: A data driven approach
Jack Dekkers and Dorian Garrick	Department of Animal Science	On the eve of a revolution in the livestock breeding industry
Wendy Wintersteen	Dean for the College of Agriculture and Life Sciences	Taking odor mitigation to the next level: a priority for Iowa agriculture
Joe Sebranek	Department of Animal Science and Department of Food Science and Human Nutrition	A “Top Ten List” of issues and opportunities in research on animal source foods
James Roth	Department of Veterinary Microbiology and Preventive Medicine	Emerging zoonotic diseases of food-producing animals

Robert C. Brown	Department of Mechanical Engineering	Biofuels
Elwynn Taylor	Department of Agronomy	Our changing climate: How does it happen?
Craig Lang	President of Iowa Farm Bureau	A view of the agribusiness community
Matt Sutton	Vermeulen CMA Consulting	Center for food integrity: 2008 consumer research study
Dorian Garrick and Diane Spurlock	Department of Animal Science	Efficiency of dairy production
Jack Dekkers, John Patience and Nick Gabler	Department of Animal Science	Efficiency of swine production
Tom Sauber	Research Director at DuPont Pioneer	What are animal scientists doing at a plant genetics company?
Sharon Quisenberry	Department of Entomology	A transitioning research agenda
Max Rothschild	Department of Animal Science	Global animal agriculture
Maynard Hogberg	Department of Animal Science	Trends and directions of animal science departments in the future
John Lawrence, Ken Stalder, Hongwei Xin, Dan Loy, Leo, Timms and Dan Morrical	Department of Economics (Lawrence), Department of Animal Science (Stalder, Loy, Timms and Morrical) and Department of Agriculture and Biosystems and Engineering (Xin)	Issues in Iowa agriculture for future research, teaching and outreach programs at Iowa State
Lance Baumgard	Department of Animal Science	Challenging the dietary fat and human disease hypothesis
H. Scott Hurd	Department of Veterinary Diagnostic and Production Animal Medicine	The public health risks and benefits of modern animal production: the multidisciplinary challenge of antibiotic resistance
Richard Willham	Department of Animal Science	The history of animal science

Johannes Van Leeuwen	Department of Agriculture and Biosystems Engineering	Value-adding to crop processing products with new technologies
Wallace Huffman	Department of Economics	Investing in a better future through public agricultural research
Aaron Putze	Director of Communication for the Iowa Soybean Association	Making connections — creating a stronger Iowa from farm fields to main streets
Sharron Quisenberry	Department of Entomology	In the year 2050
Lance Baumgard	Department of Animal Science	Effects of climate change and heat stress on animal agriculture productivity and biology
Rich Degner	CEO for Iowa Pork Producers Association	Agri Scope 2030
Charles R. Hurburgh, Jr.	Department of Agricultural and Biosystems Engineering	Did the drought leave us enough corn and can we feed it?
Cindie M. Luhman	Group Vice President, research and development for feed and dairy foods for Land O' Lakes, Inc. and Purina Animal Nutrition	Opportunities to enhance industry-academia partnerships in collaborative research
Susan J. Lamont	Department of Animal Science	Genetics of resistance to disease in farm animals
John F. Patience	Department of Animal Science	Changing perspectives on dietary energy in the pig
Keith Boldman	DuPont Pioneer	Development of drought-tolerant corn hybrids
Jesse P. Goff	Anderson Chair for Veterinary Medicine	Are lack of sunshine and Vitamin D insufficiency likely contributors of development of cancers and autoimmune diseases?
Nancy Degner, Kevin Stiles, Kevin Vinchattle, Kelly	Iowa Beef Industry Council (Degner), Midwest Dairy Association (Stiles), Iowa Poultry Association and Iowa	Challenges of animal agriculture as seen by Iowa

Sheets, Joyce Hoppe and Greta Irwin	Egg Council (Vinchattle), Iowa Pork Producers (Sheets and Hoppe) and Iowa Turkey Federation (Irwin)	animal agriculture commodity organizations
James Russell, William Edwards and John Whitaker	Department of Animal Science (Russell), Department of Economics (Edwards) and United States Department of Agriculture's Farm Service Agency (Whitaker)	Future of grazing lands in Iowa: Challenges and opportunities
Neil E. Harl	Department of Economics	Dispelling clouds on the horizon
Hank Harris	Department of Animal Science	Platform-based vaccines for emerging and re-emerging diseases
Rodger Main	Director of Operations at the Veterinary Diagnostic Laboratory at Iowa State	PEDV's emergence in the U.S.: Events, observations and opportunities for US animal agriculture
Steven Leath	President of Iowa State University	Vision for Iowa State University and ISU's role in animal agriculture
Marcus E. Kehrli, Jr.	Director of the National Animal Disease Center	Research at the USDA- National Animal Disease Center: Familiar foes and emerging issues
Hongwei Xin	Department of Agricultural and Biosystems Engineering	Comparison of the U.S. egg industry environmental footprint in 2010 vs. 1960
Leo Timms	Department of Animal Science	Agricultural sustainability: Defining it using a dairy perspective
Charles Hurburgh, Maynard Hogberg and Erin Bowers	Department of Agricultural and Biosystems Engineering (Hurburgh and Bowers) and Department of Animal Science (Hogberg)	A feed mill and grain science center at Iowa State



Mark Rasmussen	Director of the Leopold Center for Sustainable Agriculture	Change at the Leopold Center
Claire Andreasen	Director of One Health in the College of Veterinary Medicine	Working together to improve animal and human health
Wendy Wintersteen	Senior Associate Dean for the College of Agriculture	Pursuing a unifying message: Elevating food, agricultural and natural resources research as a national priority
Bill Northey	Iowa Secretary of Agriculture	Animal agriculture in Iowa: A vision for the future
Speakers from Animal Commodity Groups (speaker names not listed)	Iowa Pork Producers Association, Iowa Beef Industry Council, Midwest Dairy Association, National Turkey Federation and Iowa Environmental Council	A night with the Iowa animal commodity groups
Robert G. Riley	Feed Energy Company	The year of heroes and villains — Do we all have “Dual Citizenship”?
John D. Lawrence	Department of Economics	Nutrition reduction. Des Moines Water Works lawsuit and the role for ruminants
Johann F. Coetzee	College of Veterinary Medicine	Antimicrobial stewardship: What does this mean for the livestock industry?
Brent Willett and Michael Naig	Executive Director for the Cultivation Corridor (Willett) and Iowa Deputy Secretary of Agriculture (Naig)	Exciting developments in agriculture and agribusiness in Iowa
Chris Tuggle	Department of Animal Science	Serendipity in science: Finding important biomedical models in a feed efficiency project
Joel Brinkmeyer, Aaron Putze, Brian Jones and David Holm	International Communication Association and Iowa Beef Industry Council (Brinkmeyer), Iowa Soybean Association (Putze), Iowa Corn	A conversation about the different organizations.

	(Jones) and Iowa Institute of Cooperatives (Holm)	
David Johnson	Iowa State Senator	Agriculture and politics: Do they mesh? What is on the horizon?
Chad Hart and Lee Schulz	Department of Economics	Iowa's crop and livestock outlooks: From local economies to global impacts
Paul Lasley	Department of Sociology	Sustainability: What is it and so what?
Danelle Bickett-Weddle	Associate Director for the Center for Food Security & Public Health	Keeping agriculture fluent in disaster situations
Robert C. Brown	Department of Mechanical Engineering	Renewable energies: Options and opportunities, Iowa's role and the future
Animal Commodity Groups	Iowa Pork Producers Association, Iowa Beef Industry Council, Midwest Dairy Association, Iowa Environmental Council, Iowa Seed Association and National Turkey Federation	A night with the Iowa animal commodity groups
Bill Northey	Iowa Secretary of Agriculture	State of agriculture in Iowa and the world
Matthew Helmers	Department of Agricultural and Biosystems Engineering	Nutrient reduction to the Mississippi River: We are all in this together
Mark Rasmussen	Director of Leopold Center for Sustainable Agriculture	Hope, hype and misinformation abound on the topic of agricultural sustainability: Unconventional and uncomfortable thinking is sometimes necessary
Paul J. Plummer	Department of Veterinary Diagnostic and Production Animal Medicine	Antimicrobial resistance: Is animal agriculture part of the problem or part of the solution?

Ronald L. Horst and Jesse P. Hoff	Department of Animal Science (Horst) and Department of Biomedical Sciences (Hoff)	Exciting discoveries in the use of Vitamin D to improve human and animal health
Billi Hunt and Mike Crum	Executive Director for the Cultivation Corridor (Hunt) and Vice President of Economic Development and Business Engagement (Crum)	Development of the bioscience industries in Iowa
Leaders of commodity groups	Iowa Beef Industry Council, Iowa Egg Council, Iowa Pork Producers Association, Midwest Dairy Association, Iowa Turkey Federation and Iowa Sheep Industry Association	Current challenges related to international trade, sustainability issues and promotion of animal-derived foods