

CURRICULUM VITAE

Marty Vanier, DVM



Education

BS, Animal Science, Kansas State University 1979

DVM, Kansas State University 1981

Licenses

State of Kansas Veterinary License – 1981 to present

U.S. Security Clearance TS/SCI

Positions

Director, National Agricultural Biosecurity Center. 2019 to present. Directs the development, coordination, implementation and leveraging of a broad range of programs and capabilities addressing diverse threats to the U.S. and world agricultural economies and food supply. Serves as the liaison between NABC and national, state, and local stakeholders and allied industry groups. Serves as Associate Director of the KSU Biosecurity Research Institute. Adjunct faculty appointment in the Department of Diagnostic Medicine and Pathobiology, College of Veterinary Medicine.

Director of Strategic Partnership Development, NBAF Program Executive Office. 2015 to 2019 Duties included engaging internal and external stakeholders, including government entities, production agriculture, the animal health industry, and educational institutions in creating new partnerships to advance the NBAF mission.

Director of Operations, National Agricultural Biosecurity Center (NABC), Kansas State University. 2003-2015. Directed the NABC staff in performance of Center projects and activities. Assisted in the administration of grants, contracts and cooperative agreements with funding agencies. Coordinated and assisted activities of campus-wide network of faculty and researchers engaged in NABC-related projects. Analyzed and directed project activities and provided Subject Matter Expert (SME) support to contractors supporting NABC projects. Served as Principal Investigator for selected Center projects. Served as NABC Point of Contact for State and Federal agencies, coalitions, consortia, industry groups, the media, emergency management, law enforcement and the intelligence community.

Research Associate, Department of Animal Sciences and Industry, Kansas State University. 1989-2003. Provided administrative support for the Kansas State University

Food Safety Consortium. Monitored legislative and regulatory activities on food safety, served as a liaison with federal agencies and allied industry groups and provided public affairs support.

Executive Director, Kansas Agricultural Alliance, Manhattan, KS, 1992 – 1999. Represented the coalition at the Kansas Legislature and official functions of state agencies. Followed activities of the state legislature, analyzed and monitored bills affecting member organizations and presented testimony.

Deputy Director for Information and Legislative Affairs, Food Safety and Inspection Service (FSIS), USDA, Washington, DC, 1987 – 1988. Supervised the Office of Legislative Affairs, which was responsible for all legislative liaison in FSIS. Responded to Congressional inquiries; coordinated preparation of Congressional testimony, legislative reports and briefing books. Informed senior Agency/Department officials of relevant Congressional developments. Conducted special projects and assignments at the request of the Administrator.

Science Coordinator, Animal Health Institute, Alexandria, VA, 1983 – 1987. Responsible for staffing and coordination work of the Institute's Committees and Task Forces on regulatory, legislative, and scientific problems. Served as spokesperson for the animal pharmaceutical industry at allied industry meetings and as animal health industry consultant to committees of these organizations. Responsible for tracking and reporting on activities of the many divisions of government that impact the animal pharmaceutical industry. Coordinated research projects sponsored cooperatively by AHI member companies.

Exercise and Training Experience

Crimson Sky, 2002. An executive-level agricultural biological terrorism simulation for the United States Department of Agriculture (USDA) and interagency leadership.

Prairie Plague, 2002. This exercise involved a smallpox outbreak scenario designed to focus on health care system protocols within and around Kansas

Ford County FAD Exercise, 2002. The scenario tested Ford County's Foreign Animal Disease (FAD) response plan.

Exercise Crimson Guard, December 9, 2002. A bioterrorism simulation for the Animal and Plant Health Inspection Service (APHIS), U.S. Department of Agriculture.

Exercise Crimson Winter, January 10, 2003. A bioterrorism simulation for the Food Safety and Inspection Service (FSIS), U.S. Department of Agriculture.

Operation Winter Sun, May 18, 2003. A chemical weapons full-scale exercise for New York City.

Exercise High Stakes, June 19, 2003. A state-level agrosecurity exercise for the state of Kansas.

Oktoberfest: State of Kansas Hospital Bioterrorism Program, October 2003. A facilitated exercise workshop to explore existing resources and the medical response infrastructure identified through Kansas regional hospital plans

Exercise Sudden Impact, January 29, 2004. A combined state-county level zoonotic agrosecurity exercise in Ford County Kansas.

Exercise High Plains Guardian, July 30-31, 2004. A state-level agrosecurity exercise to explore civilian and military interactions.

Exercise Endangered Species, October 6, 2004. A combined state-county level exercise addressing analysis of agrosecurity threat information in Reno County Kansas.

Vigilant Guard, March 13-15, 2006. The exercise, sponsored by the Joint National Guard Bureau's (JNGB's) J7 Office, was designed to enhance the preparedness of state National Guard organizations in performing roles and responsibilities associated with homeland defense and Defense Support to Civil Authorities (DSCA). The *Vigilant Guard* exercise was hosted by the Kansas National Guard (KSNG).

Wolf Creek Nuclear Generating Station, October 18-19, 2007. The Department of Homeland Security (DHS)/Federal Emergency Management Agency (FEMA), Region VII, conducted an exercise in the plume and ingestion exposure pathway emergency planning zone (EPZ/IPZ) around the Wolf Creek Nuclear Generating Station.

Vigilant Guard 2009 Region VII, June 18, 2009. The exercise, sponsored by United States Northern Command and North American Air Defense (N-NC), was designed to enhance the preparedness of state National Guard organizations in performing roles and responsibilities associated with homeland defense and Defense Support to Civil Authorities (DSCA). The event exercised the Kansas Foreign Animal Disease Response Plan.

SAMS/KO, October 22, 2009. Stop Animal Movement Statewide, Kansas-Oklahoma, sponsored by the Multi-State Partnership for Security in Agriculture with funding from DHS Office of Grants and Training, provided a functional exercise for the Kansas and Oklahoma EOC's and a full-scale exercise at a cross-border location to examine the ability to stop animal movement.

RIPSTOP 2013, October 9-10, 2013. This Kansas Department of Agriculture functional exercise presented a real-life scenario that would cause a state and local response and looked directly at Kansas State University's response to a FAD on campus.

INVISIBLE FIRE, September 24, 2014. This Kansas Department of Agriculture regional exercise tested the ability of North Central region counties in Kansas to execute movement control activities during a FAD response.

AFTERBURN, December 19-22, 2016. This Kansas Department of Agriculture statewide exercise tested the ability of local, state, and Federal response entities to communicate and coordinate activities and decisions during a FAD response.

PHOENIX, December 18-20, 2017. This Kansas Department of Agriculture statewide exercise tested the ability of multiple local, state, and Federal response entities to communicate and coordinate activities and decisions during a FAD response.

RAMPART, December 17-20, 2018. This Kansas Department of Agriculture statewide exercise tested the ability of multiple local, state, and Federal response entities to communicate and coordinate activities during a FAD response with particular attention to Safe Food Supply plans and resumption of marketing.

SFEAR, September 23-26, 2019 This USDA/NAHLN exercise tested the ability of 14 states and their local, state and Federal partner to coordinate and communicate key areas of an African Swine Fever response and mitigation.

FORTIFY, December 16-18, 2019. This Kansas Department of Agriculture statewide exercise tested the ability of local, state, and Federal response entities to implement a stop movement order and conduct multiple field investigations across the state.

KSU VDL, May 20, 2021. This KSU Veterinary Diagnostic Laboratory tabletop exercise tested the ability of KSVDL, Kansas Department of Agriculture, Biosecurity Research Institute, and members of the NAHLN network to coordinate and communicate the ability to surge test for ASF.

KSU Infrastructure TTX, October 7, 2021. This exercise tested Kansas State University's ability to response, communication, preparedness, and awareness to a FAD identified on campus.

ARMOR, December 13-15, 2021. This Kansas Department of Agriculture statewide exercise tested the ability of local, state, and Federal response entities, specifically with direction at the initial state response to a FAD within the state, vaccination requesting and planning, and surveillance activities.

KSU VDL, January 24-25, 2022. This KSU Veterinary Diagnostic Laboratory exercise tested the ability to complete surge testing at the Biosecurity Research Institute. Staffing, testing, and surge capacity testing capabilities for ASF were functionally practiced and recorded based off of the previous 2021 tabletop exercise.

GENESIS, December 12-14, 2022. This Kansas Department of Agriculture statewide exercise tested the ability of local, state, and Federal response entities, specifically with direction at the initial state response to a FAD within the state and surveillance activities.

PATHWAYS, December 1 – 3, 2023. This Kansas Department of Agriculture statewide exercise tested the ability of local, state, and Federal response entities to maintain a common operating picture, coordinate communication, and ensure there was a unified structure with all response partners during an escalating outbreak of FMD from one state to multiple states.

WATCHTOWER, December 17 – 19, 2024. This Kansas Department of Agriculture statewide exercise tested the ability of local, state, and Federal response entities to communicate and coordinate activities and decisions during a FAD response.

Professional Activities

FEMA Target Capabilities List Implementation Project, Animal Health Emergencies Steering Committee

CAST Issue Paper Task Force Chair, “Ruminant Carcass Disposal Options for Routine and Catastrophic Mortality.”

Project panel member, Transportation Research Board, the National Academies of Science, Project SP20-59(22)

National Agricultural Biosecurity Center representative to FBI Joint Terrorism Task Force– Kansas City

Member of the Kansas Homeland Security Working Group

Member of the Kansas Department of Agriculture Food Safety Working Group

Member of the Kansas Intelligence Fusion Center

Research Summary

Principal Investigator for—Collaborative Projects between KSU and the National Center for Medical Intelligence/Armed Forces Medical Intelligence Center. DIA-DOD, multiple years, \$23 million

Co-Principal Investigator for—Biosecurity Research Institute at Kansas State University: Facilities, methods and technologies to determine realtime hazards in foods and validation of technology readiness. US Army Soldier Systems Center, Natick Laboratories-DOD, multiple years, \$10.5 million

Co-Principal Investigator for—Center of Excellence for Emerging and Zoonotic Animal Disease. Department of Homeland Security, multiple years, \$12 million

Principal Investigator for—Situational Competency, Simulations and Lessons Learned for Food and Agriculture Bioterrorism. CTTSO-TSWG, \$1.38 million

Principal Investigator for —Evaluation of Agroterrorism Responses and Capabilities within NORTHCOM and Selected State National Guards“. US Department of Defense \$1 million

Investigator and Co-Project manager for —Vulnerability and Response to Agroterrorism“, USDA-APHIS Cooperative Agreement 02-1001-0355 CA. \$3 million

Investigator for —Defining the Role of Law Enforcement in Protecting American Agriculture from Bioterrorism“, National Institute of Justice funding to Kansas Bureau of Investigation, Ford County Sheriff’s Office, and National Agricultural Biosecurity Center \$250,000

Principal Investigator for –NABC Task Order under the DHS BOA, \$400,000

Principal Investigator for—NABC Task Order under the DHS BOA, \$500,000

Principal Investigator for—Kansas Foreign Animal Disease Regional Tabletop Exercises, USDA, \$65,152

Principal Investigator for—Secure Food Supply Permitting Exercise for the High Plains Region, USDA, \$75,801

Principal Investigator for—2020 NADPRP Livestock Biosecurity Plan, USDA Marketing and Regulatory Programs, \$199,340

Principal Investigator for—DHS Food, Agriculture, and Health Resilience, DHS Office of Health Security, \$493,370

Principal Investigator for—2022 NADPRP Landgrant Institution Foreign Animal Disease Plans, USDA Marketing and Regulatory Programs, \$80,961

Principal Investigator for—2024 NADPRP County Emergency Management Agency Outreach and Education on State Animal Disease Outbreak Planning and Preparedness, USDA, \$127,240

Principal Investigator for—2024 NADPRP Quantifying Cattle Movement and Determining Infrastructure and Critical Control Points for a 12 State Region, USDA, \$152,893

Principal Investigator for—2025 NADPRP Region 7 Tabletops and Functional Workbooks for Extension Professionals, \$209,996

Awards and Honors

Kansas Veterinary Medical Association Veterinarian of the Year, 2009

Kansas Veterinary Medical Association President's Award, 2002, 2012 and 2014

Kansas State University College of Veterinary Medicine Distinguished Alumnus, 2017

Commandant's National Security Program, U.S. Army War College, 2017

Jay B. Dillingham Award for Agricultural Leadership and Excellence, Agricultural Business Council of Kansas City, 2023

Professional Memberships/Activities

Kansas Veterinary Medical Association
Chairman-Legislative Committee

Trustee-at-large, 2012-13

KVMA representative to Kansas State Animal Response Team 2012-13

Vice-President, 2013-14

President-elect, 2014-15

President, 2015-16

Cosmos Club, Washington, DC

Elected into membership 2010

American Veterinary Medical Association

American Association of Bovine Practitioners

American Association of Equine Practitioners

American Association of Industry Veterinarians

Kansas Livestock Association

National Cattlemen's Beef Association

Publications

"Agroterrorism: Where are we in the ongoing war on terrorism?" Crutchley, Tamara M.; Rodgers, Joel B.; Whiteside, Heustis P.; Vanier, Marty; Terndrup, Thomas E. Journal of Food Protection, Volume 70, Number 3, March 16, 2007

“Meat Safety” Meat Science and Applications, edited by Hui, Nip, Rogers, and Young, Marcel Dekker, Inc. 2001

“Food Safety Consortium” Cattlemen’s Day 1991, Report of Progress 623, Agricultural Experiment Station, Kansas State University, 1991

“Beef Safety – Current Research and Summary of Progress” Cattlemen’s Day 1991, Report of Progress 623, Agricultural Experiment Station, Kansas State University, 1991

“Food Safety Effort Important to State’s Economic Future” Focus on Feedlots, Cooperative Extension Service, Kansas State University, May 1990

“UPDATE – Antibiotics” Proceedings of the 38th Annual Reciprocal Meat Conference, American Meat Science Association, June 23-26, 1985

“End Is Not In Sight On Antibiotics-Feed Debate and Research” The National Provisioner, February 16, 1985