

Elizabeth J. Parker, DVM



Experience

Associate Director, International Programs & Strategic Initiatives and Interim Associate Director, Responsive Agriculture, Texas A&M Institute for Advancing Health Through Agriculture, Texas A&M University System (TAMUS), February 2022 - current

Leads the Institute's Responsive Agriculture research portfolio as a dynamic science-based systems approach to develop a better understanding of the relationship among animal and plant agricultural production and management, the environment, nutrient quality and content and human health. Leads the Institute's development and implementation of international partnerships and engagement.

Associate Director, Operations & Strategic Initiatives, Texas A&M AgriLife Research (AGLR), Texas A&M University System (TAMUS), March 2020 – February 2022

Oversee agency's strategic and financial planning, statewide research infrastructure, faculty financial requests and internal grant funding, investments in research, and intellectual property and commercialization. Provide leadership in enhancing coordinated progress in international engagement and coordinate the agency's United Nations Food and Agriculture Organization's (FAO) Memorandum of Understanding relationship.

International & Strategic Partnerships Specialist, Texas A&M AgriLife Research, Texas A&M University System (TAMUS), December 2017 – March 2020

Led, advocated, developed, fostered, and administered international collaborations, agreements, and projects. Served as a principal liaison with international agricultural entities, government, corporate partners/stakeholders, livestock, and allied industry and interacted with TAMUS components to support AGLR's mission:

- Provided leadership in enhancing coordinated progress in international engagement, partnerships and efforts as well as increasing external visibility of AGLR outputs.
- Worked nationally and internationally with animal health/production corporations, agriculture and veterinary associations, the private sector, federal/international governments, intergovernmental organizations, and other relevant entities.
- Fostered increased coordination within/between AgriLife entities, and with TAMUS components for enhancing strategic international partnerships and activities.
- Livestock and animal health subject matter expert for leadership, faculty and staff.
- Coordinated the TAMUS and the FAO Memorandum of Understanding.
- Served as a member of project teams as appropriate; wrote research proposals, grant applications and other funding requests.
- Assisted in development of long-term program and strategic initiatives.
- U.S. Delegation member 2015 to 2021 for the World Organization for Animal Health (OIE) General Sessions.
- ***Interim Director, Department of Homeland Security, Science and Technology Directorate, Cross-Border Threat Screening and Supply Chain Defense Center of Excellence September 2019 – January 2020***

Chief Veterinarian, Institute for Infectious Animal Diseases (IIAD) and subject matter expert, Texas A&M AgriLife Research, TAMUS, August 2014 – December 2017

Joint appointment with AGLR and IIAD providing leadership, outreach and strategic advice on beef and livestock issues. Led, advocated, developed, fostered, and administered international collaborations, agreements, and projects. Worked nationally and internationally with relevant collaborating entities (animal health companies, agriculture/producer associations, federal and international governments, etc.) representing AGLR and more specifically, IIAD endeavors related to disease detection, business continuity, surveillance, and response. Contact point for TAMUS and the FAO's Memorandum of Understanding.

Elizabeth J. Parker, DVM



More specifically for IIAD:

- Served as IIAD's principal liaison with international agricultural, government and corporate partners/stakeholders and interacted with the TAMUS components to support IIAD's mission.
- Provided expertise in interpreting and applying federal and international regulations, policies, guidelines, and standards related to IIAD's projects, programmatic efforts, and collaborations.
- Assisted and led, as appropriate, in formulating policies and procedures to govern the use of IIAD's generated technologies.
- Recruited, educated, and trained partners on project expectations, outcomes, and procedures; ensured appropriate communication with project partners.
- Advised and assisted IIAD project managers in project implementation, completing milestones, etc.; led implementation of International Foot-and-Mouth Disease Vaccine and Diagnostic Field Trial project.
- Assisted in compiling data and conducting research for reports, presentations and briefings to state, federal and international audiences.

More specifically for AGLR:

- Served as subject matter expert related to livestock and animal health for AgriLife leadership, faculty, and staff.
- Assisted in the development of long-term programs and strategic initiatives.
- Delivered presentations, lectures, and demonstrations on the AgriLife research portfolio and interacted with components of the TAMUS and externally, as needed to support AgriLife's mission.
- Served as a member of research project teams as appropriate and developed impact for and assisted/wrote research proposals, grant applications and other funding requested for AgriLife.
- Special Appointment to Graduate Faculty through the Department of Animal Science, Texas A&M University for the purpose of advisory committees of graduate students.

Animal Health Officer/Expert, Programming Unit, Infectious Diseases Group – EMPRES, Animal Health Service (AGAH), Animal Production and Health Division, Food and Agriculture Organization of the United Nations (FAO), January 2012 – July 2014

Provided resource mobilization, technical, strategy, coordinating and quality control support to the FAO Animal Health Program. More specifically:

- Provided technical support and actively participated in the preparation of policy and strategy documents in support of the FAO Animal Health Program.
- Coordinated inputs and led drafting and updating of all major AGAH and Emergency Centre for Transboundary Animal Diseases (ECTAD) reports and any other global/synthesis documentation prepared for specific donors.
- Led and participated in project clearing house and undertook quality control of project documents and regional and thematic work plans drafted by ECTAD staff both at Headquarters (HQ) and in the field to ensure technical consistency.
- Provided technical support to and participated in global, regional, and country programs and projects related to prevention and control of infectious diseases.
- Led/contributed to the formulation and drafting of major animal health project documents and concept notes.
- Coordinated inputs for FAO's contribution to documents and reports prepared for the UN System Influenza Coordinator (UNSIC), such as the Consolidated Action Plan for Avian and Human Influenza, and related plans and reports.
- Assisted FAO's Chief Veterinary Officer (CVO) in meetings and prepared required documents, presentations, and statements to be delivered by FAO Senior Officials.

Elizabeth J. Parker, DVM



- Represented the Programming Unit and AGAH CVO in internal and external meetings and events in the field as needed.

Chief Veterinarian, National Cattlemen's Beef Association, January 2007- December 2011

Coordinated the overall animal health strategy for the National Cattlemen's Beef Association's (NCBA) interaction with agencies involved in the regulation of the beef industry. Provided leadership and guidance to NCBA's Government Affairs office on matters pertaining to the Executive Branch's promulgation and enforcement of regulations. Served as primary industry spokesperson on issues related to animal health, welfare and safety, and acted as a Congressional technical contact as appropriate. Developed and maintained a professional relationship with Federal and State agencies, professional organizations and other groups involved in or impacting the regulation of animal health, animal welfare, homeland security, drug availability, and feed and food safety. Provided guidance and support to industry partners in the development of rational science-based tools and systems for the industry. Served as policy and political advisor on NCBA's Cattle Health and Well-being Policy Committee and mentored NCBA's Director, Food Policy. Assisted the Vice President, Government Affairs, with planning, budgeting and implementation of government affairs and policy efforts. Actively led and participated in various livestock and animal health coalitions to accomplish livestock industry goals. Led NCBA efforts and represented U.S. beef industry with international bodies, groups, and foreign governments on matters of animal health, welfare and safety and provided advice on related issues which could impact international trade. Represented NCBA both domestically and internationally, including:

- U.S. Delegation member of multiple Codex Alimentarius committees and working groups including Codex Committee on Residues of Veterinary Drugs in Foods; Codex Ad-Hoc Intergovernmental Task Force on Food Derived from Biotechnology; Codex Ad-Hoc Intergovernmental Task Force on Antimicrobial Resistance; Codex Committee on Food Imports and Export Certification Systems; Codex Committee on Food Hygiene.
- U.S. Delegation member 2008 to 2011 for the World Organization for Animal Health (OIE) General Sessions and attendee of OIE conferences regarding animal health and welfare.
- Expanding NCBA's animal health, animal welfare and food safety collaborative scope by developing relationships and working on mutual interests with researchers, animal health officials, government officials, livestock groups and others in the domestic and international arena.

International Consultant, Avian Influenza Liaison and Planning Operations Officer, Food and Agriculture Organization of the United Nations (FAO), August 2006- December 2006

Provided political, technical and policy advice to FAO Emergency Operations and Rehabilitation Division, Avian Influenza Desk and liaised with donors on FAO's Highly Pathogenic Avian Influenza (HPAI) activities. Responsible for formulation of, revisions to and monitoring of FAO's global strategies, global program, and documents on HPAI as well FAO's contribution to the Consolidated Action Plan of the United Nations System. Prepared progress reports, presentations, statements, speeches, and regular updates of briefs for FAO senior officials. More specific duties included:

- Assisted in the analysis, planning, development, and implementation of operational activities of emergency and short-term rehabilitation projects in countries affected by HPAI.
- Provided general supervision of operational teams deployed in response to HPAI including planning and monitoring activities, information sharing and review and field program visits.
- Coordinated daily operations on matters relating to emergency assistance and projects including recruitment, procurement, organization of missions and financial and administrative management.
- Assisted the FAO Regional and Country offices in strengthening the response management capacities and in further promoting regional cooperation to ensure an effective response to HPAI.

Elizabeth J. Parker, DVM



- Assisted in fund mobilization efforts and liaised with donors, UN agencies and nongovernmental organizations as part of HPAI emergency activities.
- Participated in organization and evaluation of assessment missions fielded to affected countries.

Professional Staff Member serving Chairmen Larry Combest and Bob Goodlatte, Committee on Agriculture, U.S. House of Representatives, Washington, D.C., February 2001-August 2006

Managed a wide variety of issues, including specialty crops, viticulture, and other commodities; marketing and promotion programs; research; organic production; pesticides; animal and plant health; animal welfare; aquaculture; biotechnology; homeland security; and food safety. Analyzed issues, developed policy and provided advice and guidance to the Chairmen, Members and staff. Developed legislative strategy, drafted legislation, and prepared critical communication tools, including issue briefs, floor statements, speeches, talking points, and hearing materials. Built consensus around and developed coalitions in support of action. Assisted constituents of the Chairmen and Committee members in resolving issues with Executive Branch agencies and apprised constituents of Federal policy. Carried out oversight of agencies under the Committee's jurisdiction. Participated in and spoke at industry conferences and executive board meetings. Specific accomplishments include:

- Preparation for the 2007 Farm Bill by organizing and staffing field hearings and discussing policy issues with the agriculture community, Federal agencies, and other congressional staff to formulate legislation.
- Authored, led and/or participated in conference negotiations on numerous provisions/Titles of the 2002 Farm Bill concerning specialty crops, livestock, nutrition, trade, food safety, homeland security, pesticides, biotechnology, research, marketing orders, and check-off promotion programs.
- Provided leadership in passage of the Agriculture Risk Protection Act of 2000, the Economic Assistance Act of 2001, the Farm Security and Rural Investment Act of 2002, the National Veterinary Medical Services Act of 2003 and the Specialty Crop Competitiveness Act of 2004.
- Participated as staff observer with the U.S. delegation to the Sixth Intergovernmental Negotiating Committee in Geneva, Switzerland and the First Meeting of the Conference of the Parties in Punta del Este, Uruguay related to the Stockholm Convention for Persistent Organic Pollutants.
- Participated in Congressional delegation visit to evaluate Australia's animal identification system.

American Association for the Advancement of Science, Congressional Science and Engineering Fellowship, Office of Congressman Charlie Stenholm, House Committee on Agriculture, September 1999 - December 2000

Provided scientific and technical expertise to Committee staff and the Congressman on food safety, bioterrorism, antimicrobial resistance, biotechnology, crop insurance, pesticide issues, and livestock and animal health. Prepared issue briefs, floor statements, testimony, talking points, and other critical information tools. Provided experienced professional perspective on animal issues to Committee staff and congressional offices.

Emergency Clinic Veterinarian, Dallas, TX, December 1997 - August 1999

Provided total medical and surgical emergency care for small and exotic animals at three emergency practices. Managed overnight shifts of staffs at two of these practices.

Relief Veterinarian, Dallas/Fort Worth/ Metroplex Area, TX, December 1997 - August 1999

Provided professional management expertise to veterinary practices, including working with patients and clients and overseeing staff for multiple practices.

Elizabeth J. Parker, DVM



Associate Veterinarian, Austin, Texas, July 1993 - December 1997

Provided comprehensive medical and surgical care for small and mixed animal practices. Assisted with budget, inventory control, and employee management.

Research Assistant Performing Leukemia Research, University of Texas, M.D. Anderson Center, Houston, TX, June 1988 - July 1989

Graduate Level Research, College Station, Texas Equine Exercise Physiology and Nutrition, Texas A&M University, September 1987 - May 1988

Performed aerobic equine exercise protocols, obtained test samples, conducted lab tests and compiled and analyzed data.

Education & Honors

- Doctor of Veterinary Medicine, Texas A&M University, 1993
- B.S., Veterinary Science, Texas A&M University, 1990
- B.S., Biomedical Science, Texas A&M University, 1987
- European Commission for the Control of Foot and Mouth Disease (EuFMD), FMD Real-Time Training Course Uganda March 2020.
- Engaging Intergovernmental Organizations for Food Safety, Animal Health and Public Health: Geneva, Paris, and Rome February 2009
- Foreign Animal Disease Training, September 2003, Plum Island Animal Disease Diagnostic Laboratory
- Texas A&M University Center for Executive Development, Veterinary Business Management Seminars, 1997
- AJQHA World Champion Horse Judging Team, 1983
- West Texas Fair and Rodeo Scholarship, 1983
- Taylor County 4-H Scholarship, 1983

Publications

Characterization of an Amsacrine-Resistant Line of Human Leukemia Cells. Evidence for a Drug-Resistant Form of Topoisomerase II. Journal of Biological Chemistry, Volume 264, No. 28. October 5, 1989, pages 16411-16420.

Cross-Resistance of an Amsacrine-Resistant Human Leukemia Line to Topoisomerase II Reactive DNA Intercalating Agents. Evidence for Two Topoisomerase II Directed Drug Actions. Biochemistry 30: April 23, 1991, pages 4048-4055.

FAO.2013. *World Livestock 2013 - Changing disease landscapes.* Rome

Foreign Animal Disease Outbreaks, Veterinary Clinics of North America: Food Animal Practice, Volume 34, Issue 2, July 2018, Pages 341-354.

N.A. Lyons, T.J.D. Knight-Jones, C. Bartels et al., *Considerations for design and implementation of vaccine field trials for novel foot-and-mouth disease vaccines,* Vaccine, <https://doi.org/10.1016/j.vaccine.2018.12.064>

Mentoring

Provided mentoring and/or oversight of interns and fellows in various capacities as professional staff House Committee on Agriculture, Chief Veterinarian NCBA and Animal Health Expert FAO. Specific sponsorship and mentoring of Nancy Turner as an extern to the House Committee on Agriculture,

Elizabeth J. Parker, DVM



Majority Staff in Spring 2006 as part of her fourth year externship requirements in the veterinary curricula at Texas A&M College of Veterinary Medicine and Biomedical Science. This was the first of its kind for Texas A&M to allow a United States Congressional externship focused on animal health and agriculture policy experience for fourth year veterinary externship credit.

Special Appointment to Graduate Faculty through the Department of Animal Science, Texas A&M University for the purpose of advisory committees of graduate students (2014). 2015/2016 Member of the advisory committee for Lonisa Early, investigating the effects of a nutritional supplement on the immune response of cows and calves.

Professional Affiliations and Service

Member, National Academies of Science, Engineering, and Medicine Roundtable on Science Diplomacy, April 2020 – current.

Academy of Veterinary Consultants (AVC), 2007-Present. Board of Directors, April 2017- present. Chair, Cattle Health and Well-Being Committee, 2021-present.

American Association of Bovine Practitioners (AABP), 2007-Present. Chair, Biological Risk Management and Preparedness Committee October 2017 – September 2019.

Chair, AABP AVC Joint Foreign Animal Disease Task Force November 2021-current.

United States Animal Health Association 2007-Present; Board of Directors, 2007-2011.

Co-Chair National Johne's Working Group, USAHA Johne's Committee, 2007-2011.

Vice-Chair Global Animal Health and Trade Committee, USAHA, May 2018 - 2021; Chair October 2021-current.

National Cattlemen's Beef Association 2016 – present.

Member U.S. Government's Delegation to the World Organization for Animal Health (OIE) General Sessions, 2008 – 2011, 2015 - present

Animal Agricultural Alliance Executive Committee and Board of Directors, 2007-2011; Chairman, May 2009 – May 2011.

International Meat Secretariat Animal Welfare Committee, 2007 - 2011.

Animal Agriculture Coalition co-representative to Department of Homeland Security U.S. Government's Food Animal Agriculture Sector Coordinating Committee 2007 – 2011.

Member, Global Livestock Discussion Group and Steering Committee 2010 – 2011.

FAO/World Bank led international discussion group focused on livestock advocacy and current issues.

American National Cattlemen, Inc., 2011, 2015; Member ANCW Strategic Vision Task Force 2015.

American Veterinary Medical Association, 1993 – 2005, 2007-2011.

Elizabeth J. Parker, DVM



Texas Veterinary Medical Association 1993-2008.

Texas Veterinary Medical Association, Legislative Committee, 2000-2008.

Addressed Texas State legislative issues that affect the veterinary profession.

Texas Veterinary Medical Association, Disaster Preparedness Committee 2000-2004.

Developed procedures, protocols, and infrastructure needed to assist during State and National disasters.

Texas Veterinary Medical Association, Special Interest Committee, Equine Continuing Education, 1998-1999. Planned topics and speakers for the biannual State meeting.

Texas Veterinary Medical Association, Equine Practice Committee, 1994, 1997-1999.

Addressed issues affecting veterinarians in the equine industry in Texas.

Licensed Doctor of Veterinary Medicine in Texas, 1993 – Present.

Licensed Doctor of Veterinary Medicine in the Commonwealth of Virginia, 1999-2006.

References furnished upon request.