

# Swine Technical Team

**Reid Philips**

Senior Technical Manager, PRRS  
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Following veterinary school, Reid started his career with a mixed-animal practice in Audubon, Iowa, followed by a swine/equine clinic in Columbus, Nebraska. From 1994–1997, Reid served as a technical services veterinarian for NOBL Labs in Sioux Center, Iowa, a role that he continued following BIVI's acquisition of NOBL Labs. He currently serves as the PRRS technical manager and part of the solutions team, leading technical and marketing projects related to PRRS virus and control/preventive medicine.

**Eduardo Fano**

Technical Manager, *Mycoplasma hyopneumoniae*  
*Instituto Tecnológico de Sonora Cd. Obregon, DVM;*  
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Eduardo Fano has extensive experience in swine health, both in Mexico and the United States. He's served as a professor for both the Instituto Tecnológico de Sonora and the Universidad Nacional Autónoma de México. From 2008–2012, he worked with PIC Latin America as the director of Technical Health Services to Agroceres PIC Brazil and the director of Health Assurance and Health Services. Eduardo joined BIVI in 2013. In his current role, he provides technical direction for technical and marketing projects related to *M. hyopneumoniae*, and also supports technical efforts around swine respiratory diseases for BIVI in Latin America.

**Christa Goodell**

Technical Manager, IAV  
*Kansas State University, DVM*  
*Iowa State University, MS, Ph.D*  
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Prior to joining BIVI, Christa worked as a swine veterinarian in both research and management roles. Early in her career she worked for Pig Improvement Company (PIC) on their Health Improvement/Veterinary Service Team, and as a veterinarian for Murphy-Brown. In her most recent position she led the worldwide swine marketing efforts for IDEXX Laboratories. Christa joined the BIVI swine technical veterinarian team in 2016 to work with the swine marketing team on swine influenza-A virus (IAV). She has extensive knowledge in IAV surveillance through her postdoctoral studies at Iowa State University.

**Jessica Seate**

Technical Manager, Enteric Disease  
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*Michigan State University, DVM*  
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Following veterinary school, Jessica began her career in Rose Hill, North Carolina, with Murphy-Brown, LLC as a veterinarian managing more than 50,000 sows and all related downstream production. She joined the BIVI technical services team in 2015, supporting technical and marketing projects related to ileitis, *Salmonella*, PED and erysipelas.

**Erin Lowe**

Technical Manager, Solutions Team  
*University of Illinois, BS, DVM, EVP*  
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Erin began her career with The Maschhoffs, Inc. as the manager of health services, and then as the associate director, regional manager of Multiplication. In 2007, she joined BIVI as a Professional Services Veterinarian. In her current role, she focuses on *Mycoplasma hyopneumoniae* transmission, detection and epidemiology; PRRS risk management, control plan development/implementation and expectations management; area/network coordinated disease control efforts; and epidemiology/bioinformatics as it relates to swine production.

**Enrique Mondaca**

Technical Manager, Solutions Team  
*ITSON – Sonora Institute of Technology – Mexico,*  
*DVM; University of Minnesota, Ph.D.*  
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Prior to joining BIVI, Enrique was a swine practitioner in both Mexico and the United States. He came to BIVI in 2009, where he is a member of the Solutions Team with a focus in epidemiology.

**Kate Christmas**

Director, Swine Professional Services  
*Colby College, BA; Purdue University, DVM*  
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Kate has more than 15 years experience in animal health, including regulatory and clinical drug development. Prior to industry roles, she served as an equine ambulatory associate with Coastal Equine Veterinary Service and an equine resident with the Mississippi State University College of Veterinary Medicine. Kate joined BIVI in 2002 in companion animal pharmaceutical clinical development, and later served as the senior associate director for Pre-Approval Pharmaceutical and International Vaccine Regulatory Affairs. She joined the swine team in 2015, and leads its team of Professional Services Veterinarians.

**John Waddell**

Senior Associate Director, Professional Services Veterinarian  
*University of Illinois, BS, DVM, EVP;*  
*University of Nebraska, MBA*  
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Born and raised on a grain and livestock farm in central Illinois, John entered food animal practice in Sutton, Nebraska, following graduation from the University of Illinois in 1981. After practicing and specializing in swine health and production for 30 years, he joined the BIVI Swine Team as a Senior Professional Services Veterinarian in 2011.

**Tom Wetzell**

Senior Associate Director, Professional Services Veterinarian  
*Iowa State University, BS;*  
*University of Minnesota, DVM*  
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Prior to joining BIVI, Tom served as a consultant for and co-owner of a large swine practice in Minnesota. He joined BIVI in 2008, and currently serves as a senior associate director of Swine Professional Services. In his role, he is responsible for supporting production companies and veterinarians in Minnesota and Iowa, along with supervising five members of the swine PSV team. In addition to his role with BIVI, Tom is a contributor to "At the Meeting with the Morrison Group," which delivers educational audio recordings to more than 500 swine veterinarians and producers quarterly. He is a previous recipient of the AASV Swine Veterinarian of the Year Award. Tom also has a passion for promoting self-sustaining livestock production in undernourished portions of the world, and volunteers through the Christian Veterinary Mission organization.

**Greg Cline**

Professional Services Veterinarian  
*University of Missouri, DVM*  
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Greg started his career in private practice, exclusively as a food animal practitioner. He then moved to the production side of the business as a veterinarian for Cargill Pork and Carroll's Foods. Greg joined BIVI in 2001 and has held multiple roles, including technical manager for enteric diseases and his current role as a Professional Services Veterinarian based out of the Kansas City area.

**Tom Fangman**

Senior Professional Services Veterinarian  
*University of Missouri, MS;*  
*Kansas State University, DVM*  
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Tom has filled a number of roles throughout his career, including private practitioner in a rural, mixed animal practice, director of Veterinary Services for SFS in Little Rock, Arkansas, and swine veterinary Extension specialist and director of Veterinary Extension/CE at the University of Missouri, Columbia. He joined BIVI in 2007 as a member of the Professional Services team. Tom is also a past president and diplomate in swine health management for the American Board of Veterinary Practitioners.

**Jeff Okones**

Professional Services Veterinarian  
*Iowa State University, BS, DVM*  
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Upon graduation from veterinary school, Jeff practiced food animal medicine in eastern Iowa for 18 years. During his last two years in private practice, he served as phone consultant for Pfizer Animal Health, Swine Division. In August 2002, Jeff joined Boehringer Ingelheim Vetmedica, Inc. as Professional Services Veterinarian for the Swine Sales and Marketing Team.

**Amanda Sponheim**

Technical Specialist Veterinarian  
*University of Illinois, BS, DVM*  
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Following veterinary school, Amanda began her career with PIC, working from 2008–2010 as a health assurance veterinarian based in Hendersonville, Tennessee. She joined Boehringer Ingelheim Vetmedica in 2010 as a Professional Services Veterinarian. Currently, Amanda is a strategic account technical specialist veterinarian based in Osage, Iowa. She is also enrolled in the Executive Veterinary Program at the University of Illinois.