

Veterinary Diagnostic and Production Animal Medicine

www.vdpam.iastate.edu



Veterinary Diagnostic and Production Animal Medicine VDPAM

VDPAM Mission: Serving Animal Agriculture Through...

- ❖ Continuous improvement of the curriculum and methods of teaching in the preeminent Food Supply Veterinary Medical Program.
- ❖ Providing timely, full-service, high-quality clinical and diagnostic services.
- ❖ Leading implementation of disease control, diagnostic practices, enhanced food safety, and animal welfare programs.
- ❖ Continuous improvement of food and fiber animal production by whole system analysis, acknowledging the interactions of diet, disease, environment, animal behavior, welfare, and humans.
- ❖ Integration and transfer of knowledge obtained through evidence and science based research between academia, practitioners, producers, and the public to establish best practices in food animal production.
- ❖ Enhancement of human and animal health through "One Health" research and initiatives.
- ❖ Leading research initiatives in food animal diseases, behavior and welfare, food safety, and risk assessment and modeling.
- ❖ Being globally recognized leaders in identifying and sharing solutions for effective disease control in food animal agriculture and contributions to global food security.

Vision of VDPAM:
Support the continual improvement of food animal agriculture and food supply veterinary medicine to benefit Iowa and the world.



Veterinary Diagnostic Laboratory: 515-294-1950
 Food Supply Veterinary Medicine: 515-294-5528
 Veterinary Field Services: 515-294-7590
 Food Animal and Camelid Hospital: 515-294-1500

Contact Information:



Pat Halbur
*Interim Dean, CVM
 Executive Director, ISU VDL
 Diagnostic Pathology,
 Swine Diseases*

515-294-9860
 pghalbur@iastate.edu



Locke Karriker
*Professor and Interim Chair,
 VDPAM
 Director, SMEC
 Swine Medicine, Evidence-
 based Practice*

515-294-6970
 karriker@iastate.edu

Veterinary Diagnostic Laboratory (VDL)



Rodger Main
*Professor and Director
 ISU VDL
 Swine Production
 Medicine and Nutrition*

515-294-1950
 rmain@iastate.edu

Food Supply Veterinary Medicine (FSVM)



Pat Gorden
*Clinical Professor and
 Director of FSVM
 Dairy Production
 Medicine, Milk Quality*

515-294-3837
 pgorden@iastate.edu



Bacteriology & Clinical Microbiology:

O. Sahin*, E. Burrough, M. Clavijo, A. Krull

PhAST (Pharmacology Analytical Support Team):

D. Borts*, J. Mochel

Molecular & Viral Diagnostics:

P. Gauger*, JQ Zhang*
 K. Harmon, G. Li, KJ Yoon

Pathology:

E. Burrough*, B. Arruda, V. Cooper, R. Derscheid, P. Gauger, D. Madson, D. Magstadt, T. Oppriessng, P. Pineyro, Y. Sato, K. Schwartz, G. Stevenson

Serology:

D. Baum*, L. Giménez-Lirola

Toxicology/Nutrition:

S. Enslay*, S. Radke, W. Rumbleha

Epidemiology/Disease Ecology:

D. Borts, A. O'Connor, J. Zimmerman

Informatics:

R. Berghefer*

Quality/Facilities/Safety:

K. Boesenberg-Smith*

Animal Welfare

S. Millman, J. Shearer

Veterinary Extension

Beef Extension: G. Dewell

Dairy Extension: J. Shearer

Poultry Extension: Y. Sato

Swine Extension: C. Rademacher

Swine Medicine Education Center (SMEC):

L. Karriker (Director), J. Ellingson, P. Halbur, J. Hocker, D. Madson, D. Olsen, P. Thomas

Beef:

T. Engelken*, T. Brick, G. Dewell, A. O'Connor, P. Plummer, J. Smith

Dairy:

P. Gorden*, D. Bickett-Weddle, T. Brick, A. Kreuder, P. Plummer, J. Shearer, J. Smith, J. Ydstie

Embryo Transfer & Theriogenology:

T. Dohman*, M. Jahnke, C. Wiley

Field Services & Food Animal and Camelid Hospital:

P. Gorden*, T. Brick, G. Dewell, T. Engelken, A. Kreuder, P. Plummer, J. Schleining, K. Still Brooks, J. Smith, C. Wiley, J. Ydstie

Poultry:

M. El-Gazzar (Jan 2018), Y. Sato

Small Ruminants:

P. Plummer*, J. Schleining, J. Smith

Swine:

C. Rademacher*, M. Clavijo, D. Holtkamp, L. Karriker, D. Linhares, A. Ramirez

Clinical Skills:

F. Cerfogli*

* Section leader

Extension – Phone 515-294-3837



Grant Dewell
*Associate Professor and
 Beef Extension Veterinarian
 Beef Production Medicine,
 Epidemiology, Economics,
 Food Safety*



Jan Shearer
*Professor and
 Dairy Extension Veterinarian
 Dairy Production Medicine,
 Lameness, Animal Welfare*



Yuko Sato
*Assistant Professor and
 Poultry Extension Veterinarian
 Poultry Diagnostics and
 Production Medicine*



Chris Rademacher
*Clinical Assoc. Professor and
 Swine Extension Veterinarian
 Swine Production Medicine*

Beef Extension: G. Dewell 515-294-2822
 Poultry Extension: Y. Sato 515-294-0710

Dairy Extension: J. Shearer 515-294-3731
 Swine Extension: C. Rademacher 515-294-8792



Danelle Bickett-Weddle
Assoc. Dir. CFSPH
 Biosecurity, Public Health, Dairy Production and Nutrition



Troy Brick
Asst. Professor
 Beef & Dairy Production Medicine



Frank Cerfogli*
Clinical Asst. Professor
 Clinical Skills Lab Coordinator



Tyler Dohlman
Asst. Professor
 Theriogenology



Mohamed El-Gazzar
Asst. Professor
 Pathology, Mycoplasma, HPAI



Terry Engelken
Assoc. Professor
 Beef Production Medicine, Cow-calf and Stocker Cattle



Derald Holtkamp
Assoc. Professor
 Swine Disease Risk Assessment, Economics of Disease



Marianna Jahnke
Lecturer
 Embryo Transfer, Bovine Reproduction, Dairy



Amanda Kreuder
Asst. Professor
 Food Animal Medicine and Surgery, Microbiology



Daniel Linhares
Asst. Professor
 Swine Production Medicine, PRRS



Suzanne Millman*
Professor
 Animal Welfare, Behavior



Jonathan Mochel*
Assoc. Professor
 Pharmacokinetics, Pharmacodynamics



Annette O'Connor
Professor
 Epidemiology, BVD, Pink-eye, Salmonella



Paul Plummer
Assoc. Professor
 Ruminant Medicine & Surgery, Molecular Biology, Campylobacter



Alex Ramirez
Assoc. Professor
 Zoonotic Diseases and Public Health, Swine Production Medicine



Dick Ross
Dean Emeritus
 Mycoplasma



Jennifer Schleinig
Assoc. Professor
 Large Animal Surgery, Camelids



Joe Smith
Clinical Asst. Professor
 Ruminant Medicine and Surgery



Kelly Still Brooks
Clinical Asst. Professor
 Veterinary Field Services



John Thomson
Dean Emeritus
 Veterinary Business



Chong Wang*
Assoc. Professor
 Biostatistician, Epidemiology



Caitlin Wiley
Clinical Asst. Professor
 Theriogenology



Josh Ydstie
Adjunct Instructor
 Dairy Production Medicine



Bailey Arruda
Asst. Professor
 Pathology, Brachyspira, Respiratory diseases



Dave Baum
Clinical Asst. Professor
 Serology



David Borts
Asst. Professor
 Pharmacology Analytical Support Team (PhAST)



Eric Burrough
Assoc. Professor
 Pathology, Brachyspira, Enteric Diseases of Swine



Maria Clavijo
Research Asst. Professor
 Bacteriology, Mycoplasma



V.L. Cooper
Clinical Professor
 Pathology, BVD, Beef Cattle, Dairy, Caprine, Equine, Canine, Feline



Rachel Derscheid
Asst. Professor
 Pathology, Respiratory Syncytial Virus, Mycoplasma



Steve Ensley
Clinical Professor
 Toxicology, Drinking Water Quality, Use of Corn Co-products



Phil Gauger
Assoc. Professor
 Pathology, Virology, Swine Influenza, PRRSV, PCV2



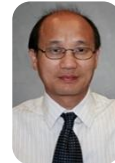
Luis Giménez-Lirola
Clinical Asst. Professor
 Serology



Karen Harmon
Clinical Assoc. Professor
 Molecular Diag., Characterization of Bacteria and Viruses



Adam Krull
Clinical Asst. Professor
 Diagnostic Bacteriology, Bovine Digital Dermatitis



Ganwu Li
Asst. Professor
 Bacteriology, Virology, Molecular Biology, E. Coli, PRRS, PED



Darin Madson
Assoc. Professor
 Pathology, Swine Nursery/Grow Finish Health, PCV2, PED, Clostridial enteritis,



Drew Magstadt
Clinical Asst. Professor
 Diagnostic Pathology, PRRS, PED



Tanja Opiressnig
Professor
 PCV2, Erysipelas, Hepatitis E virus, PPV, Swine Respiratory Diseases



Pablo Pineyro
Asst. Professor
 Food Animal Diagnostic Pathology PRRS, PCV2



Wilson Rumbeiha
Professor
 Toxicology, Blue-green algae, Neurotoxicology



Orhan Sahin
Asst. Professor
 Bacteriology, Mycoplasma, Food Safety



Kent Schwartz
Clinical Professor
 Pathology, Swine and Beef Diagnostics, Evidence-based Practice



Greg Stevenson
Professor
 Pathology, Swine Diseases, Diagnostic Medicine in Food Production Animals



Kyoungjin Yoon
Professor
 Viral Diseases of Livestock, Development of Diagnostic Tools



Jianqiang Zhang
Assoc. Professor
 Molecular & Viral Diagnostics, PRRS, PED



Jeffrey Zimmerman
Professor
 Disease Ecology

* Split Appointment

VDPAM Affiliates:

See current list of affiliates and emeritus faculty:
www.vetmed.iastate.edu/vdpam/faculty-staff/faculty-directory

www.vdpam.iastate.edu

<http://scholar.google.com/citations?user=LIZAgMAAAAJ&hl=en>