



**Annual Conference**

## **The Changing Face of Veterinary Medicine**

**March 31- April 2, 2016**



AND KATE BAILEY  
ANIMAL  
HOSPITAL

**AUBURN**  
UNIVERSITY

COLLEGE OF  
VETERINARY MEDICINE



# 109<sup>th</sup> Annual Conference

## The Changing Face of Veterinary Medicine

**March 31- April 2, 2016**



### RECEPTION

Thursday Night Reception is in the Veterinary Education Center. Visit with colleagues and classmates, talk to current and former Auburn CVM faculty and students, and browse the exhibits while you reconnect with familiar faces. Please be sure to thank our sponsors for their financial support, which helps reduce the cost of registration.

Thursday, March 31, 2016					
TIME	EQUINE	FOOD ANIMAL	SMALL ANIMAL	PHARMACY/ LAW	USDA
Noon	Registration Opens for Lab Participants (Veterinary Education Center)				
1:00 PM		*Thoracic & Abdominal Ultrasound in Cattle— Drs. Jenna Bayne and Thibaud Kuca	Clinical Pathology Lab— Clinical Pathology Team		
2:00 PM	*Laser Therapy in Horses—Dr. Lisa Miller	*Practical Application of Hoof Casting Lab — Dr. Debra Taylor	ECG Interpretation Lab— Drs. Seung Woo Jung and Randolph Winter		
3:00 PM	*Laser Therapy in Horses—Dr. Lisa Miller	*Practical Application of Hoof Casting Lab— Dr. Debra Taylor			
4:00 PM	Registration Opens/Reception (Veterinary Education Center)				
		<b>LARGE ANIMAL</b>	<b>SMALL ANIMAL</b>	<b>PHARMACY/ LAW</b>	<b>USDA</b>
5:30 PM to 8:30 PM		Barn Rounds — Drs. Dwight Wolfe, Dan Givens, Debra Taylor, John Schumacher, Fred Caldwell, Reid Hanson	Case Presentations— Drs. Katie Nash, Amy Schkeeper, Taya Marquardt, Allison Biddick	Alabama Pharmacology Review— Dr. Sue Duran and Ms. Starr Miller	





## Thursday Extras

### FOOD ANIMAL ULTRASOUND LAB

Taught by Dr. Thibaud Kuca and Dr. Jenna Bayne, this lab will cover primarily thoracic and abdominal ultrasound in cattle and goats. Participants will be instructed how to determine the appropriate ultrasound probe type for penetration and definition of the structures being assessed. Participants will be instructed on how to utilize the ultrasound and how to interpret the ultrasound image.

### LASER THERAPY LAB

Taught by Dr. Lisa Miller, this lab will focus on utilization of class IV laser use as in aid in healing and pain management in equine, exotics and food animals. The lab will be a lecture and a demonstration of the utilization of a laser therapy in horses.

### PODIATRY LAB

The podiatry lab will be taught by Dr. Debra Taylor. The lab will consist of an hour of lecture and a hour of lab. Dr. Taylor will demonstrate how to correctly cast a horses foot and allow those attending to participate in the process as well.

### BODY CAVITY EFFUSIONS: PROCESSING AND INTERPRETATION

Join the AU CVM Clinical Pathology team for a hands-on, interactive wet and microscopy lab regarding body cavity fluid processing and interpretation in domestic species. A variety of topics will be discussed, including septic exudates; neoplastic, lymphocytic, and hemorrhagic effusions; and transudates. Instructional material will consist of a blend of PowerPoint slides, projected images, hands-on review of effusion processing and preparation, and group discussion. Three board-certified Clinical Pathologists and three Clinical Pathology residents will be present to guide you every step of the way! This CE session should benefit veterinarians in small and large animal practices.

### CARDIO LAB

Atrial fibrillation (AF) is the most common supraventricular tachyarrhythmia in dogs and horses. Since AF significantly increases the risk of exercise intolerance and cardiac-related death, adequate rate/rhythm control remains central to long-term management of AF. This lecture will review diagnostic approaches of AF via auscultation and electrocardiography, discuss effective treatment methods and prognostic benefits of optimal management of AF in dogs and horses.

## Friday, April 1, 2016

8:00 AM	Welcome by Dean Calvin Johnson					
8:10 AM	The Changing Face of Veterinary Medicine—Dr. Dan Givens					
10:20 AM	Adapting to Changes in Veterinary Medicine—Dr. David Pugh					
	<b>EQUINE</b>	<b>FOOD ANIMAL</b>	<b>SMALL ANIMAL</b>		<b>PHARMACY/ LAW</b>	<b>USDA</b>
Location Moderator		Dr. Thomas Passler, Moderator				
Noon		Round Table Discussion on Diseases in Food Animals—Drs. Dwight Wolfe, BJ Newcomer, Herris Maxwell, Misty Edmondson, Thomas Passler	Imaging and 3-D Printing—Dr. Rachel Moon		FL Pharmacy Law Course—Dr. Sue Duran and Ms. Starr Miller	
1:00 PM	Equine Surgery Lab	Embryo Transfer—Dr. Julie Gard	GP/Specialist Interaction for a Team Approach—Dr. Zach Wright	*Surgery Lab—Drs. Brad Matz and Ralph Henderson	FL Pharmacy Law Course—Dr. Sue Duran and Ms. Starr Miller	USDA Modules
2:00 PM	Equine Surgery Lab	Neurological Cases in Food Animal Medicine—Dr. Thomas Passler	Hospice Care in Your Practice—Dr. Stephanie Schleis	*Surgery Lab—Drs. Brad Matz and Ralph Henderson	FL Pharmacy Law Course—Dr. Sue Duran and Ms. Starr Miller	USDA Modules
3:00 PM	Equine Surgery Lab	Food Animal Medicine—Dr. James Wenzel	How New Graduates are Changing the Landscape of Veterinary Medicine—Dr. Charles Hendrix	*Surgery Lab—Drs. Brad Matz and Ralph Henderson	AL Pharmacy Law Course—Dr. Sue Duran and Ms. Starr Miller	USDA Modules
4:00 PM	Equine Surgery Lab	Breeding Injuries—Dr. Misty Edmondson	Atrial Fibrillation; Canine and Equine Experiences—Dr. SeungWoo Jung	*Surgery Lab—Drs. Brad Matz and Ralph Henderson	AL Pharmacy Law Course—Dr. Sue Duran and Ms. Starr Miller	USDA Modules

## Friday Extras

### CENTENNIAL CLUB RECEPTION & DINNER

For information, contact Jan Chamblin at (334) 844-6733.

### ALPHA PSI ALUMNI LUNCHEON

The luncheon and business meeting begins at noon at the Alpha Psi house, corner of Lem Morrison Drive and Wire Road, across from the Kappa Alpha fraternity house.

### OTS ALUMNI ACTIVITIES

Omega Tau Sigma professional veterinary fraternity will host Alumni and their families at the OTS House. All alumni and families are welcome. Visit the Facebook page – OTS Zeta Alumni for details.

### EQUINE SURGERY LAB EXPERIENCE

Join Drs. Fred Caldwell and True Baker for a hands-on Equine Lab experience. Limited to 5 participants.

### SMALL ANIMAL LAB EXPERIENCE

Join Drs. Brad Matz and Ralph Henderson for a Small Animal Surgery Lab experience, common Abdominal Surgical Techniques. Focus will be on gastropexy, liver biopsy, intestinal resection and anastomosis or biopsy and splenectomy. Limited to 15 participants.

## Saturday, April 2, 2016

	FOOD ANIMAL	SMALL ANIMAL	AVIAN/ EXOTICS	PHARMACY/ LAW	USDA
Location Moderator	Moderators—Drs. Jenna Bayne and Jennifer Koziol				
8:00 AM	Ultrasound in Food Animal Medicine—Dr. Thibaud Kuca	Corneal Problems— Dr. Beth Gibbins	Challenges in Avian Pharmacology— Dr. Marike Visser	Insurance Needs— Dr. Linda Ellis	USDA Modules
9:00 AM	Lameness & Breeding Soundness Exams— Dr. Jennifer Koziol	Ocular Manifestation of Systemic Disease— Dr. Meredith Voyles	Exotic Animal Treatment— Dr. Cheryl Lawson	Liability Insurance and Your Practice— Dr. Linda Ellis	USDA Modules
10:00 AM	Heat Abatement in Cattle— Dr. David McClary	Ocular Manifestation of Systemic Disease— Dr. Meredith Voyles	Basic Handling, Physical Examination, and Sample Collection of Companion Birds— Dr. Seth Oster		USDA Modules
11:00 AM	Marketing Food Animal Veterinary Services in Times of Herd Expansion— Dr. Dwight Wolfe	Orthopaedic Surgery Tips— Dr. Antonio Ballagas	Common Diseases of Companion Birds— Dr. Seth Oster		USDA Modules
Noon	Animal Welfare—Dr. Rick Tubbs, Swine Vets	Orthopaedic Surgery Techniques— Dr. Antonio Ballagas			
1:00 PM	Epigenetic Changes of Late-Gestation Stress in Cattle—Dr. BJ Newcomer	Case-Based Approach to Bleeding Disorders in the ER— Dr. Lenore Bacek			
2:00 PM	Food Animal Treatments— Dr. Jenna Bayne	Neurology in Your Practice— Dr. Amanda Taylor			
3:00 PM	Rumen Cannulation Surgery & Transfaunation— Dr. Ricardo Stockler	Heat-related Illnesses— Dr. Kendon Kuo			
4:00 PM	Rumen Cannulation Surgery & Transfaunation— Dr. Ricardo Stockler	Daily Clinical Pathology Uses in Your Practice— Dr. Pete Christopherson			
5:30 PM					

## Sunday, April 3, 2016

9:00 AM	Christian Veterinary Fellowship Breakfast (Veterinary Education Center)
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Saturday Extras

Sunday Extras

## CLASS REUNIONS

Class reunions are being held for the classes of 1966, 1971, 1976, 1981, 1986, 1991, 1996, 2001, 2006, and 2011. You do not have to attend the conference to attend your reunion, but you must pre-register for your reunion by March 15, 2016. Due to space limitations, walk-up reunion registrants cannot be accommodated.

## CHRISTIAN FELLOWSHIP BREAKFAST

Join colleagues for a wonderful meal while the Christian Veterinary Fellowship students share inspirational stories and photos from their latest mission trips. Breakfast begins at 9 a.m. on the CVM campus (Veterinary Education Center). Preregistration and an additional fee is required.



# Conference Information

## GENERAL INFORMATION

Pre-registration is strongly encouraged. Confirmations are sent by e-mail to those who register before March 15. Each paid participant will receive the conference proceedings.

## CONFERENCE REGISTRATION

- \$385 for early bird registration thru Feb 15
- \$445 to register thru March 22
- \$550 Walk-up only registration fee after March 22

## INCLUDED IN REGISTRATION

Conference registration for veterinarians includes 20 hours of CE, a certificate of attendance, conference notes, admission to Thursday's reception, and lunch on Friday and Saturday.

## REGISTRATION DESK HOURS

3 – 7 p.m., Thursday  
7 a.m. – 5 p.m., Friday  
7 a.m. – 5 p.m., Saturday

## EXHIBITOR HOURS

5 – 7 p.m., Thursday  
9 a.m. – 5 p.m., Friday  
9 a.m. – 1:30 p.m., Saturday

## CLASS REUNION MEMBERS

You do NOT have to register for the conference to attend your class reunion, but you must complete the registration process as reunion only.

However, if you plan to attend any conference events, you must pay the conference registration fee and complete the conference registration.

- Single Reunion Registration \$65
- Couple \$110

## CANCELLATION POLICY

To cancel registration, call (334) 844-2497. Course fees, less a \$50 processing charge, will be refunded for cancellations made before March 18. Refunds will not be issued after March 18.

## QUESTIONS?

**Contact:** Kris Street  
Conference Coordinator  
(334) 844-2497  
kris.street@auburn.edu

## ACCOMMODATIONS & TRAVEL

### Conference Hotel

The Hotel at Auburn University & Dixon Conference Center  
241 South College Street  
Auburn, AL 36830  
(800) 228-2876 or (334) 821-8200  
www.auhcc.com

Area accommodation information is available at the Auburn-Opelika Convention & Visitors Bureau website at [www.aotourism.com](http://www.aotourism.com) or call toll free (866) 880-8747.

Please mention "Veterinary Medicine Annual Conference" when booking reservations.

## CST TIME ZONE

Atlanta is Eastern Standard Time; Auburn is Central Standard Time.

## DIRECTIONS TO THE HOTEL

From I-85, take Exit #51 to US Hwy 29. From I-85 South, turn right at the end of the ramp on College Street. From I-85 North, turn left at the end of the ramp on College Street. Travel 3.5 miles. The Hotel & Conference Center is on the right.









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