GENERAL INFORMATION

Universal Imaging is dedicated to fulfilling your educational needs in ultrasound training. Our state-of-the-art classroom and scanning laboratory is located in our Bedford Hills, NY Training Facility (Near all 4 NYC Airports). Convenient on-site parking. Universal is recognized as the leader in ultrasound education for veterinarians and technicians, offering accredited education programs that address the rapid pace of change in technology and applications.

FLIGHT ARRANGEMENTS
Each attendee is responsible for making his/her own flight arrangements. Please plan to arrive on the evening preceding the first day of class. Most classes end by 5:00 pm on the final day, therefore, please make sure you have ample time for travel and check-in for your return flights.

HOTEL RESERVATIONS
Holiday Inn, Mt. Kisco - (888) 452-5771
Universal has made arrangements for a corporate rate for seminar attendees. Simply advise that you are attending under the “UNIVERSAL” Block. Must reserve 20 days in advance to receive discounted hotel rate!
Attendees are responsible for making their own reservations and for all hotel costs. Please plan to arrive on the evening preceding the first day of class and checkout the morning of the last day of class.

TRANSPORTATION TO THE HOTEL / CLASS
Rental Cars are advised for attendees arriving via plane. Car Services and Taxis are also available.

TRANSPORTATION TO THE SEMINARS
Each attendee is responsible for his/her own transportation to and from the Seminars. No shuttle service is available.

ATTIRE
Attire is casual. Keep in mind you will be scanning live animals.

MEALS
Continental Breakfast and Lunch will be provided.

SMALL ANIMAL ADVANCED ECHOCARDIOGRAPHY
A Comprehensive 3-Day Course, Workshop & Laboratory

Instructors:
John D. Bonagura, DVM, MS, DACVIM
Matthew Miller, DVM, MS, DACVIM

August 4 - 6, 2017
299 Adams Street
Bedford Hills, NY 10507
Phone: 914-666-6200 Fax: 914-666-2454
Cathy Carducci, Seminars Coordinator
Email: CCarducci@Universalimaginginc.com

REGISTRATION FORM - Advanced Small Animal Echocardiography Course, Laboratory & Workshop
Name _______________________________ License Number for credits _______________________________
Practice Name _______________________________

Check enclosed for amount of $____________ as payment for______ attendees - Echocardiography Workshop
$2,000 - 3 Full Days
Please make checks payable to “Universal Seminars”
Credit Card No. ____________________________________________________ Exp. ____________________
MC / Visa / AmEx
Signature ___________________________________________________________________________________
Cancellation Policy: Tuition non-refundable; full credit may be applied to the next course. But not guaranteed.
FRIDAY AGENDA

7:30  Registration, check-in, Notes distribution  
Continental Breakfast

8:00  Welcome: Review of Course Goals

Class 1: 2D & M-Mode Examinations
  2D Imaging: Optimizing basic to advanced imaging planes for anatomic diagnoses,  
measurements, M-mode examinations and Doppler studies

Class 2: Quantitation of 2D & M-Mode Studies - Principles, Practice & Controversies
  Break - Discussion & Coffee

Class 3: 2D & M-Mode Studies - Pattern recognition in cardiac disease - Case Examples
  Lunch & Informal Discussion

Class 4: Doppler Echocardiography - Clinical Applications of Color Flow, Pulsed-wave,  
Continuous wave and Tissue Doppler examinations

Class 5: Pericardial Diseases & Cardiac Related Tumors
  Break - Discussion & Coffee

Class 6: Valvular Heart Disease 1 - Mitral & Tricuspid Valves

6:00  Adjourn: Informal Discussions & Reception

6:30  Optional: Technical Demonstration - Setting up an Echo system for imaging  
Wine & Cheese Reception

WHO SHOULD ATTEND
Veterinarians and technologists with extensive experience in echocardiography; the course is intensive and not  
designed for beginners or novices

Tuition: $2,000—Three Full Days

Includes:
  ▶ CD-ROM of Images and Video Files
  ▶ Hands-on Laboratory Experience
  ▶ Detailed Syllabus
  ▶ Continental Breakfast
  ▶ Luncheon
  ▶ Coffee Breaks
  ▶ Wine & Cheese Reception
  ▶ 24 CE Credits Awarded

SATURDAY AGENDA

7:30  Continental Breakfast

8:10  Preview of Workshops & Labs/Group Designations

Workshop 1: 2D & M-Mode Echocardiography
  Coffee Refill

Workshop 2: Doppler Echocardiography
  Coffee Break & Discussion

Workshop 3: Imaging & Doppler Classroom
  Lunch and review of self-assessment questions

Canine Laboratory/Workshop Session I: Right-sided imaging planes, left-sided imaging planes,  
Doppler studies
  Brief break

Canine Laboratory/Workshop Session II: Left-sided imaging planes, Working on specific imaging  
issues & imaging goals
  Coffee break

Workshop 4: Ventricular Function: Quantitative Doppler Echocardiography I - Doppler &  
Advanced Studies of Ventricular Systolic Function

Workshop 5: Ventricular Function: Quantitative Doppler Echocardiography - Doppler & Advanced  
Studies of Ventricular Diastolic Function

Workshop 6: Questions | Discussion | Review of the self-assessment examination

5:30  Adjourn: Informal Discussions & Reception

SUNDAY AGENDA

7:30  Coffee & Informal Discussion

8:00  Class 1: Canine Cardiomyopathies
  Class 2: Feline Cardiomyopathies
  Break - Discussion & Coffee

Class 3: Pulmonary Hypertension/Dirofilariasis
  Lunch & Informal Discussion

Class 4: Valvular Heart Diseases - Aortic & Pulmonic Valves/Outflow Tracts

Class 5: Common Cardiac Shunts

4:00  Final Questions & Answers Course Evaluation & Adjourn

ACCREDITATION & CREDITS:
This course meets the requirements for 24 hours continuing education in jurisdictions which  
recognize AAVSBs RACE approval; however, participants should be aware that some boards  
have limitations on the number of hours accepted in certain categories and or restrictions on certain  
methods of delivery of continuing education.

WHO SHOULD ATTEND
Veterinarians and technologists with extensive experience in echocardiography; the course is intensive and not  
designed for beginners or novices

Tuition: $2,000—Three Full Days

Includes:
  ▶ CD-ROM of Images and Video Files
  ▶ Hands-on Laboratory Experience
  ▶ Detailed Syllabus
  ▶ Continental Breakfast
  ▶ Luncheon
  ▶ Coffee Breaks
  ▶ Wine & Cheese Reception
  ▶ 24 CE Credits Awarded

SATURDAY AGENDA

7:30  Continental Breakfast

8:10  Preview of Workshops & Labs/Group Designations

Workshop 1: 2D & M-Mode Echocardiography
  Coffee Refill

Workshop 2: Doppler Echocardiography
  Coffee Break & Discussion

Workshop 3: Imaging & Doppler Classroom
  Lunch and review of self-assessment questions

Canine Laboratory/Workshop Session I: Right-sided imaging planes, left-sided imaging planes,  
Doppler studies
  Brief break

Canine Laboratory/Workshop Session II: Left-sided imaging planes, Working on specific imaging  
issues & imaging goals
  Coffee break

Workshop 4: Ventricular Function: Quantitative Doppler Echocardiography I - Doppler &  
Advanced Studies of Ventricular Systolic Function

Workshop 5: Ventricular Function: Quantitative Doppler Echocardiography - Doppler & Advanced  
Studies of Ventricular Diastolic Function

Workshop 6: Questions | Discussion | Review of the self-assessment examination

5:30  Adjourn: Informal Discussions & Reception

SUNDAY AGENDA

7:30  Coffee & Informal Discussion

8:00  Class 1: Canine Cardiomyopathies
  Class 2: Feline Cardiomyopathies
  Break - Discussion & Coffee

Class 3: Pulmonary Hypertension/Dirofilariasis
  Lunch & Informal Discussion

Class 4: Valvular Heart Diseases - Aortic & Pulmonic Valves/Outflow Tracts

Class 5: Common Cardiac Shunts

4:00  Final Questions & Answers Course Evaluation & Adjourn

ACCREDITATION & CREDITS:
This course meets the requirements for 24 hours continuing education in jurisdictions which  
recognize AAVSBs RACE approval; however, participants should be aware that some boards  
have limitations on the number of hours accepted in certain categories and or restrictions on certain  
methods of delivery of continuing education.

WHO SHOULD ATTEND
Veterinarians and technologists with extensive experience in echocardiography; the course is intensive and not  
designed for beginners or novices

Tuition: $2,000—Three Full Days

Includes:
  ▶ CD-ROM of Images and Video Files
  ▶ Hands-on Laboratory Experience
  ▶ Detailed Syllabus
  ▶ Continental Breakfast
  ▶ Luncheon
  ▶ Coffee Breaks
  ▶ Wine & Cheese Reception
  ▶ 24 CE Credits Awarded