



ACVR

Nuclear
Medicine Society

Nuclear Medicine Online Short Course

Introduction
Content & Speakers



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Content (Principles of Nuclear Med)

1. Physics, Principles and Radiation Decay (1 hour)
2. Radiopharmacy & Generators (0.5 hour)
3. Radiation Detectors & Equipment (1.25 hour)
4. Image Processing (1.25 hour)
5. Image Quantification & Count Statistics (0.5 hour)
6. Quality Control (0.5 hour)
7. Image Artifacts (0.5 hour)
8. Radiation Safety & Regulations (0.5 hour)

Best viewed in
order listed.



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Content (Nuclear Med Studies)

- A. Thyroid Scintigraphy & Radioiodine therapy (1.5 hour)
 - B. Bone Scintigraphy (1 hour)
 - C. Portal Scintigraphy (1.5 hour)
 - D. Renal Scintigraphy (1 hour)
 - E. Less Commonly Performed Studies (1 hour)
 - F. Positron Emission Tomography (PET) (1.25 hour)
 - G. Equine PET (0.5 hour)
 - H. Radiotherapeutics (0.5 hour)
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Can be viewed
in ANY order,
except G
should follow F.



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Speakers

- Beth Biscoe
 - Greg Daniel
 - John Donecker
 - Lynn Griffin
 - Federica Morandi
 - Mathieu Spriet
 - Nigel Stevenson
 - Andra Voges (Program Coordinator)
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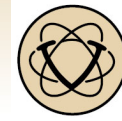
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Beth Biscoe



Dr. Beth Biscoe is an associate radiologist at Animal Imaging in Texas. She received her DVM from Virginia-Maryland College of Veterinary Medicine in 2006 and a Master of Veterinary Sciences from Washington State University College of Veterinary Medicine in 2014. Dr. Biscoe completed her diagnostic imaging residency at Washington State University and obtained Diplomate status in the American College of Veterinary Radiology (ACVR) in 2014. Prior to her radiology residency, she completed fellowship training at the University of California, Davis in large animal ultrasound. She also achieved Diplomate status in Equine Diagnostic Imaging (ACVR-EDI) in 2019.



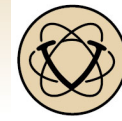
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Greg Daniel



Dr. Greg Daniel is Professor of Radiology and recent Interim Dean at Virginia-Maryland College of Veterinary Medicine. He received his DVM from Auburn University and Masters of Veterinary Bioscience from the University of Illinois. He is a Diplomate of the American College of Veterinary Radiology (ACVR). Dr. Daniel has previously served as president of the ACVR and American Association of Veterinary Clinicians (AAVC). He has many publications and his special interests include quantitative nuclear medicine and diagnostic imaging.



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John Donecker



Dr. John (Jay) Donecker is the Chief Veterinary Officer for Exubriion Therapeutics. He received his VMD from University of Pennsylvania and completed a residency and Masters of Science in Veterinary Pharmacokinetics from the Ohio State Univeristy. He has more than 30 years experience as a practitioner, practice owner and consultant. His consulting services have included veterinary startups, equine practices, USDA & NCDABioterrorism response team and Pfizer Animal Health/Zoetis. Prior to his tenure at Exubriion Jay worked for Pfizer Animal Health/Zoetis for 12 years. During this time he was a member of the veterinary technical services and outcomes research groups with which he was involved with bringing new veterinary solutions to veterinarians. For the past 6 years he has overseen the clinical development of the veterinary device homogeneous ^{117m}Sn colloid.



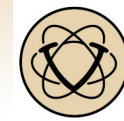
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Lynn Griffin



Dr. Lynn Griffin is an assistant professor of radiology at the Colorado State University Veterinary Teaching Hospital. She is double boarded in both radiation oncology and radiology and has a strong research focus on oncologic imaging, in particular PET/CT. Dr. Griffin graduated from the Ontario Veterinary College before going on to work in general practice as a mixed animal practitioner, small animal veterinarian and emergency practitioner before heading back to Colorado State University in 2010 where she completed both of her residencies then stayed on as faculty.



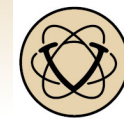
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Federica Morandi



Dr. Federica Morandi is Professor of Radiology and Director of Radiological Services at the University of Tennessee College of Veterinary Medicine in Knoxville. A native of Italy, she obtained her veterinary degree from the University of Parma in 1996. She completed an imaging internship at the Swedish University of Agricultural Sciences, where she initially developed an interest in nuclear medicine. After completing a combined radiology residency and master's degree at the Ohio State University, she became board certified by both the European College of Veterinary Diagnostic Imaging (ECVDI 2001) and the American College of Veterinary Radiology (ACVR 2002). She has published extensively on many topics, though the one she is most interested in remains the imaging of portosystemic shunts.



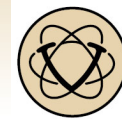
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Mathieu Spriet



Dr. Mathieu Spriet is a Professor of Diagnostic Imaging at the School of Veterinary Medicine at the University of California, Davis. He obtained his DVM degree from the National Veterinary School of Lyon (France) in 2002 and a Master Degree from the University of Montreal (Canada) in 2004. He has been a diplomate of both the American College of Veterinary Radiology and the European College of Veterinary Diagnostic Imaging since 2007, after completing his radiology residency at the University of Pennsylvania. Dr Spriet joined UC Davis as a faculty member in 2007. He became a diplomate of the newly created ACVR- Equine Diagnostic Imaging specialty in 2019. He has over 60 peer-reviewed publications and is a frequent speaker at national and international conferences. His main area of interest is equine musculoskeletal imaging. He has recently pioneered the use of positron emission tomography in horses, leading to the development of a scanner specifically designed to image standing horses.



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Nigel Stevenson



Dr. Stevenson obtained his Ph.D. at the University of London, UK in 1983 in Nuclear Physics. He then worked as a research scientist at TRIUMF, the Canadian national accelerator facility, where he went on to head up the Isotope Production group. Subsequently, he has held several commercial positions including: V.P. of Isotope Production and Research for Theragenics Corporation, COO of Trace Life Sciences and COO of Clear Vascular, Inc. Starting in 2015, Dr. Stevenson served as the Chief Operating Officer of Serene, LLC – a company that is exploring the treatment of rheumatological and other medical conditions with radioactive products. In 2019 a new commercial veterinary company, Exubriion Therapeutics, was formed to treat canine osteoarthritis and Dr. Stevenson serves as the Chief Operations Officer.

Dr. Stevenson has organized several isotope conferences over the years including the 3rd International Conference on Isotopes held in Vancouver in September 1999 where he served as the Conference Chairperson. He has also had various roles in the International Isotope Society including that of the President of the Canadian Chapter. He presently serves as the Immediate Past President of the World Council on Isotopes.



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Andra Voges



Dr. Andra Voges is a Clinical Professor in Diagnostic Imaging at Texas A&M College of Veterinary Medicine. She received her DVM from Texas A&M and after a couple of years of mixed animal practice, completed a residency in Radiology at University of Florida College of Veterinary Medicine. Dr. Voges is a Diplomate of the American College of Veterinary Radiology and has more than 25 years experience in imaging, including referral medicine, academia and teleradiology. Her interests include all aspects of small animal diagnostic imaging, with special interest in teaching.



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Thank you.

For Questions:

You can contact AVoges@cvm.tamu.edu

Or reach out to the individual speaker.