



IDEXX Reference Laboratories

Anatomic pathology consultants

Ron Bell, DVM, DACVP

Anatomic Pathologist

Area(s) of interest: diagnostic pathology

Dr. Bell graduated from the University of Georgia College of Veterinary Medicine in 1984. He then entered the U.S. Army, where he practiced clinical veterinary medicine at Fort Bragg, North Carolina, for 2 years. That was followed by a residency in comparative pathology and certification in anatomic pathology in 1991. Dr. Bell served as chief of the veterinary pathology division, assistant professor of pathology and director of the clinical laboratory at the Uniformed Services University of the Health Sciences, and as a staff pathologist and principal investigator at the Walter Reed Army Institute of Research in Washington, D.C. He established his own veterinary reference laboratory outside of Richmond, Virginia, in 1996. In December 2009, Dr. Bell joined IDEXX Reference Laboratories in Memphis.

Linda Berent*, DVM, PhD, DACVP

Clinical and Anatomic Pathologist

Area(s) of interest: cytology, hematology, bone marrow evaluation, dermatopathology, oncology

Dr. Berent received her DVM from the University of Illinois, where she also completed her residency in clinical pathology after 1 year of small-animal practice. She received board certification in clinical pathology in 2001 and anatomic pathology in 2006. She joined the faculty at the University of Missouri in 2002 as a clinical track faculty focused on diagnostic service and teaching. She joined IDEXX as a contractor in 2017.

Jennifer M. Bernard, DVM, DACVP

Anatomic Pathologist

Area(s) of interest: avian and exotic, anatomic pathology

Dr. Bernard graduated from the University of Tennessee College of Veterinary Medicine in 2010. She continued at Tennessee to complete her residency in anatomic pathology and obtain board certification with the American College of Veterinary Pathologists in 2013. Dr. Bernard then trained at San Diego Zoo Global during a 2-year fellowship. Dr. Bernard's interests include diagnostic pathology, with a special interest in exotics. She currently lives in Chesapeake, Virginia, with her partner, John, and their two dogs, Peanut and Jack. In her free time, Dr. Bernard can be found cycling, swimming, doing triathlons, walking her dogs, and enjoying local restaurants and craft beer.

Terrell W. Blanchard, DVM, MSS, DACVP, DACVPM

Regional Head of Pathology

Area(s) of interest: diagnostic pathology, eye pathology

Dr. Blanchard received his DVM from Oklahoma State University in 1987. After 2 years in private practice, he spent the next 21 years in the U.S. Army. He completed a residency in veterinary anatomic pathology at the Armed Forces Institute of Pathology (AFIP) in 1999 and attained board certification that year. Dr. Blanchard served in a variety of positions in research and diagnostic pathology in the U.S. Department of Defense, culminating in chairmanship of the Department of Veterinary Pathology at the AFIP. He joined IDEXX in May 2011. With his wife, Dr. Karen Blanchard, he enjoys traveling and many outdoor activities.

Jamie M. Bush, DVM, MS, DACVP

Anatomic Pathologist

Area(s) of interest: canine reproductive pathology, canine neuropathology, oncologic pathology

Dr. Bush is a board-certified veterinary anatomic pathologist who completed her veterinary training in 2004 at the Kansas State University College of Veterinary Medicine, followed by her residency and MS in 2008 at the Colorado State University College of Veterinary Medicine. She currently lives in Jacksonville, Florida, with her three dogs, Gianni, Isadora, and Emma.

Vincent W. Carroll, VMD, DACVP

Anatomic Pathologist

Area(s) of interest: large-animal pathology, dermatopathology, neuropathology

Dr. Carroll received his VMD from the University of Pennsylvania in 2002. Following graduation, he worked as a large-animal practitioner in New York for 5 years. He then entered an anatomic pathology residency program at Tufts University in 2007, and in September 2011 he passed the American College of Veterinary Pathologists certifying examination. He joined the IDEXX team at the North Grafton, Massachusetts, laboratory in March 2012. His professional interests include diagnostic pathology of large animals, with a special interest in dermatopathology and neuropathology. In his free time, Dr. Carroll enjoys ice climbing, mountaineering, hiking, and backpacking.

Anatomic pathology consultants, *continued*

Kimberly Cavender, DVM, DACVP

Anatomic Pathologist

Area(s) of interest: dermatopathology, infectious diseases, wildlife

Dr. Cavender, a native of Texas, graduated from Washington State University College of Veterinary Medicine in 2004. She then practiced as a small-animal/exotic/emergency veterinarian in Pinetop, Arizona, for 1 year. She started her veterinary anatomic pathology residency at Utah State Veterinary Diagnostic Laboratory and worked at Animal Reference Pathology in Salt Lake City. After her residency, she continued as a full-time diagnostic veterinary anatomic pathologist and assistant clinical professor for Utah State University and was fully boarded by the American College of Veterinary Pathologists in 2011. Two years later, she started working for the Utah Division of Natural Resources as their first diagnostic veterinary pathologist/wildlife veterinarian. In 2014, she started working as a contract veterinary diagnostic pathologist for AVID Laboratories and then, as needed, for Phoenix Central Laboratories.

Mark D. Chalkley, BSc, BVSc (Hons), MANZCVS (Pathobiology), DACVP

Anatomic Pathologist

Area(s) of interest: oral and maxillofacial pathology

Dr. Chalkley graduated from the University of Queensland, Australia, in 2006. He spent 1 year at a small-animal and exotic-animal practice in suburban Brisbane, Australia, followed by 2 years as a veterinary pathology intern at the University of Queensland. In 2009, he commenced a 3-year residency and fellowship in anatomic pathology at the University of Minnesota. He then passed the American College of Veterinary Pathologists board examination in anatomic pathology in 2012. He continued on as a pathology instructor at the University of Minnesota for 1 year. He joined IDEXX in November 2013. Dr. Chalkley is a member of the American College of Veterinary Pathologists, the American Association of Veterinary Laboratory Diagnosticians, the Australian and New Zealand College of Veterinary Scientists, and the Australian Society for Veterinary Pathology. He is a registered manuscript reviewer for the *Journal of the American Veterinary Medical Association*, *Veterinary Pathology*, and the *Journal of Veterinary Diagnostic Investigation*. He has been a speaker at various international conferences and has authored several scientific publications on a variety of diagnostic interests in both small and large domestic animal species.

Julia Conway, DVM, DACVP

Regional Head of Pathology, Anatomic Pathologist

Area(s) of interest: tumor pathology, ophthalmology, equine pathology

Dr. Conway started her career as a mechanical engineer, earning her undergraduate degree from Rochester Institute of Technology. She later transitioned to veterinary medicine, graduating from the University of Florida in 2006. She completed her anatomic pathology residency training at the University of Florida and received ACVP diplomate status in 2010. After her residency, Julia stayed on as faculty at the University of Florida. During her tenure, Julia managed the residency program and the dermatopathology service. She is also an executive board member for the Florida Veterinary Medical Association. She lives in Gainesville with her spouse who is a farrier. The couple has a 7-year-old daughter, a Jack Russell terrier named Madeline, a cat named Yeager (after Chuck Yeager, the pilot who broke the speed of sound), a pony named Dora, and an African leopard tortoise named Millie. In her free time, Dr. Conway enjoys anything having to do with the water and anything with my daughter, especially playing volleyball together. They also enjoy traveling up to New York's Finger Lakes region to visit her 100-year-old grandfather, Pop, who still lives alone and even mows his own yard. She says that a couple of years ago, he had to transition from shoveling snow to using a snow blower, but she hopes no one tells him she revealed this fact.

Zoltan Demeter, DVM, MS, PhD, DACVP

Anatomic Pathologist

Area(s) of interest: infectious diseases

Dr. Demeter obtained his DVM at the Faculty of Veterinary Medicine in Bucharest, Romania, in 2004. He pursued his interest in infectious diseases and received his PhD at the Doctoral School of Veterinary Sciences in Budapest, Hungary, in 2009. He taught in the pathology department of the Faculty of Veterinary Sciences in Budapest, and then completed a residency in anatomic pathology and MS degree at the University of Illinois. He has published 29 articles and received multiple awards, including the Scopus Young Scientist Award (2008) and the ACVP Young Investigator Award (2013). He is a competitive soccer player and enjoys exploring nature with his wife, Dr. Elena Demeter, also a veterinary pathologist, and their two daughters. Dr. Demeter joined IDEXX in October 2014.

Anatomic pathology consultants, *continued*

Amanda J. Dennis, DVM, DACVP

Anatomic Pathologist

Area(s) of interest: zoo/nondomestic animal pathology, diagnostic pathology

Dr. Dennis received her DVM from St. George's University on the island of Grenada, West Indies, in 2008 and completed her anatomic pathology residency training at the University of Tennessee in 2011. She has a special interest in zoo animal pathology and conducted award-winning research in naked mole rats skin mineralization. Following her residency, she became a diplomate of the American College of Veterinary Pathologists while working for a small private diagnostic laboratory in Columbia, South Carolina, for 3 years before joining IDEXX. In her personal time, she enjoys spending time with her husband, son, and two Chinese shar-peis, and she loves to travel!

Danielle Desjardins, DVM, MS, DACVP

Anatomic Pathologist

Area(s) of interest: general pathology

Dr. Desjardins graduated *cum laude* from the University of California, San Diego, in 2004 with a degree in biological sciences, and then graduated from Western University of Health Sciences College of Veterinary Medicine with highest honors. She completed her MS and residency training at Michigan State University, and then became a diplomate of the American College of Veterinary Pathologists in 2011. Her special interests include dermatopathology as well as neoplasia and immunohistochemistry. She is a member of the International Society of Veterinary Dermatopathology. She is happily married to her high school prom date, and they welcomed their son in 2013 and his baby sister in 2015. Dr. Desjardins' favorite escapes include skiing, hiking, camping, game night with family and friends, and all things Disney.

Taryn A. Donovan[†], DVM, DACVP

Anatomic Pathologist

Area(s) of interest: neuropathology, exotic species, infectious diseases, cardiac pathology

Dr. Donovan graduated from Cornell University and completed an internship at the Animal Medical Center in New York City, followed by a pathology residency at Cornell College of Veterinary Medicine. She obtained board certification with the American College of Veterinary Pathologists in 2006 and gained additional postgraduate experience through a fellowship at the Zoological Society of San Diego. At the Animal Medical Center, Dr. Donovan directs interactive teaching and educational rounds, oversees the necropsy service in the pathology department, collaborates on research projects, and participates in the biopsy service through IDEXX Laboratories.

Colleen Duncan[†], DVM, MS, PhD, DACVPM, DACVP

Anatomic Pathologist

Area(s) of interest: general surgical pathology, wildlife pathology

Dr. Duncan earned her DVM and MSc from the Western College of Veterinary Medicine, Saskatoon, Saskatchewan. She later completed her PhD and a residency program in anatomic pathology at Colorado State University, where she remained as a faculty member. She is a diplomate of both the American College of Veterinary Pathologists and American College of Veterinary Preventative Medicine. She has a wide range of species interests and has been involved in numerous research projects in both domestic and wild animals. In her free time, Dr. Duncan enjoys travel, outdoor adventures with her canine companions, and all aspects of horsemanship.

Michelle L. Fleetwood, DVM, DACVP

Anatomic Pathologist

Area(s) of interest: diagnostic pathology

Dr. Fleetwood obtained her DVM from Kansas State University in 1999, followed by a residency at the Armed Forces Institute of Pathology (AFIP) in Washington, D.C. She became board certified in 2002 and remained at the AFIP for the next 8 years training army veterinary pathology residents, performing diagnostic pathology, and providing pathology support to the National Zoo. She braved the cold and was a trail veterinarian and pathologist for the Iditarod Trail Sled Dog Race in Alaska twice. Dr. Fleetwood worked extensively with the U.S. Fish and Wildlife Service and the National Marine Fisheries Service on marine mammal disease investigations. She joined IDEXX in September 2015. Dr. Fleetwood enjoys hiking, volunteering with a local therapeutic riding program, and taking her Bernese mountain dog to local libraries and nursing homes.

Dominique Fournier, DVM, MVSc, DACVP

Anatomic Pathologist

Area(s) of interest: anatomic pathology

Dr. Fournier received her DVM from Université de Montréal in 2001, followed by a residency and an MVSc in anatomic pathology at the Western College of Veterinary Medicine, Saskatoon, Saskatchewan. She obtained board certification with the American College of Veterinary Pathologists in 2004. She spent 4 months at the University of Guelph in the summer of 2005 to cover a temporary position as a wildlife pathologist. She then worked in a private diagnostic laboratory in the UK for 3 years, reading biopsies mostly from small animals, before coming back to Canada at the end of 2008. Since then, she's been working as a diagnostic pathologist in one of Quebec's provincial diagnostic laboratories in Quebec City. She joined IDEXX as a contracting anatomic pathologist in 2016.

Anatomic pathology consultants, *continued*

David M. Getzy, DVM, DACVP

Anatomic Pathologist

Area(s) of interest: anatomic, oncologic, eye, bone, liver/GI, avian and exotic/large animal/wildlife, endocrine, general surgical pathology, dermatopathology

Dr. Getzy received his DVM from The Ohio State University in 1987 and has served in the department of pathology, the diagnostic laboratories, and the cancer unit at Colorado State University. He has extensive experience in necropsy/gross anatomic pathology, and is board certified by the American College of Veterinary Pathologists. Dr. Getzy's interest in wildlife pathology, including exotic and fish pathology, has led him to work extensively with Colorado Parks and Wildlife, the U.S. Fish and Wildlife Service, the Denver Zoo, and other zoologic parks. He has been with IDEXX since 1996.

Jamie L. Haddad*, VMD, DACVP

Anatomic and Clinical Pathologist

Area(s) of interest: bone marrow evaluation, diagnostic pathology

Dr. Haddad, a native New Yorker, received her veterinary degree from the University of Pennsylvania in 2007. She remained there for her anatomic pathology residency and then continued on to a clinical pathology residency at North Carolina State University. Dr. Haddad is board certified in both anatomic and clinical pathology by the American College of Veterinary Pathologists and is particularly interested in bone marrow evaluation, cytologic-histologic correlates, and specialty/referral center pathology cases. Dr. Haddad joined IDEXX in 2012 and spent her first several years with IDEXX in New York City on-site in a large specialty hospital and now continues to work for IDEXX in the northern Chicago suburbs. Outside of work, Dr. Haddad enjoys baking, running, and spending time with her family.

Erin E. Hardam, DVM, DACVP

Anatomic Pathologist

Area(s) of interest: laboratory animal pathology, soft tissue sarcomas, dermatopathology

Dr. Hardam received her DVM from the Virginia-Maryland College of Veterinary Medicine in 2000 and completed her anatomic pathology training at the University of Pennsylvania School of Veterinary Medicine. At the University of Pennsylvania, she was involved with work on feline pancreatitis, sarcomas of the central nervous system, and a novel therapy for pain relief in dogs. Dr. Hardam also spent time working with the San Diego Zoo pathology department.

Heather R. Herd, BVMS, DACVP

Anatomic Pathologist

Area(s) of interest: diagnostic pathology, infectious disease, reproductive pathology

Dr. Herd received her BVMS from University of Glasgow, Scotland, in 2013. From there, she completed her residency training in anatomic pathology at Oklahoma State University and attained board certification in 2016. Her professional interests include diagnostic pathology, with special interest in infectious diseases and reproductive pathology. In her free time, Dr. Herd enjoys practicing yoga, gardening, and travelling with her family and Cavalier King Charles spaniel Manny.

Jeremy Johnson*, DVM, PhD, DACVP

Director, North America Pathology

Area(s) of interest: surgical pathology, coagulation, bone marrow core samples, cytology

Dr. Johnson received his DVM from Colorado State University in 1998 and completed residencies in anatomic and clinical pathology. His graduate work focused on vitamin K metabolism and vitamin K-dependent proteins involved in bone metabolism and coagulation. Board certified by the American College of Veterinary Pathologists in anatomic and clinical pathology, Dr. Johnson has been with IDEXX since 2004.

Shannon Johnson, DVM, MVSc, DACVP

Anatomic Pathologist

Area(s) of interest: anatomic pathology

Dr. Johnson received her BSc from the University of Saskatchewan in 1999 and her DVM from the Western College of Veterinary Medicine (WCVM) in 2003. After graduation, she completed an internship in small-animal medicine/surgery at the Animal Medical Center in New York City. Following the internship, she returned to WCVM and completed a residency and an MVSc in anatomic pathology in 2007. Dr. Johnson attained American College of Veterinary Pathologists board certification in 2007 and spent the following year in Montreal as a toxicological pathologist. She joined IDEXX Reference Laboratories in 2009. In her spare time, Dr. Johnson enjoys swimming, running, and spending time outdoors with her rambunctious dogs.

Anatomic pathology consultants, *continued*

Tammy Johnson, DVM, DACVP

Anatomic Pathologist

Area(s) of interest: surgical pathology, dermatopathology, aquaria species pathology

Dr. Johnson is a native of North Carolina and graduate of the North Carolina State University College of Veterinary Medicine. She practiced general small-animal medicine before completing her residency in anatomic pathology at Texas A&M University. She joined IDEXX in 2005 after 8 years as director of Sentara Veterinary Laboratory Services in Virginia Beach, Virginia. She is currently a full-time IDEXX surgical pathologist, performing routine diagnostic pathology and dermatopathology of dogs and cats, and occasional aquaria species. Her special interest in dermatopathology has benefited from mutually shared learning/teaching experiences gained while training clinical dermatology residents. Dr. Johnson is a member of the International Society for Veterinary Dermatopathology. Her off-work passion is sustainable gardening, which she enjoys with her pet chickens and growing honeybee hives.

Todd O. Johnson, DVM, DACVP

Anatomic Pathologist

Area(s) of interest: diagnostic pathology

Dr. Johnson received his DVM from the University of Georgia in 1990. After a year in small-animal private practice, he spent the next 26 years in the U.S. Army. He completed a residency in veterinary anatomic pathology at the Armed Forces Institute of Pathology in 2000 and attained board certification that year. Dr. Johnson served in a variety of positions in research and diagnostic pathology in the U.S. Department of Defense, including directing the pathology department at the Naval Medical Research Center and culminating as director of veterinary pathology at the Defense Health Agency's Joint Pathology Center. He joined IDEXX in April 2017. He enjoys running with his wife Pam and taking trips with the entire family.

Carroll Jones, DVM, DACVP

Anatomic Pathologist

Area(s) of interest: avian and aquatic pathology, hematopoietic neoplasia, canine lymphoma

Dr. Jones graduated from the Tufts University School of Veterinary Medicine in 1984. After 4 years of private practice in small-animal medicine, she entered a pathology residency at the University of Pennsylvania. Following residency and her successful board certification, she worked at the veterinary diagnostic laboratory of the University of New Hampshire (UNH) for 10 years. She taught a variety of courses in UNH's animal science department, in addition to performing service diagnostic work in cytology and histopathology. During her last 5 years at UNH, she became involved in aquaculture research and poultry diagnostics. Dr. Jones joined IDEXX in January of 2000.

M. Kelly Keating[†], DVM, DACVP

Anatomic Pathologist

Area(s) of interest: general pathology, infectious disease, research pathology, nonhuman primates, pocket pets

Dr. Keating earned her DVM from the University of Minnesota–Twin Cities in 2011. She immediately transitioned into the laboratory animal track anatomic pathology program at the University of California, Davis, in conjunction with the Comparative Pathology Laboratory and the California National Primate Research Center, with focused training in rodent and nonhuman primate pathology, domestic and exotic animals, and livestock. Following program completion in 2014 she became a diplomate of the American College of Veterinary Pathologists. She then completed an infectious disease pathology fellowship at the Centers for Disease Control and Prevention in Atlanta, Georgia, and remained there as a staff pathologist/research veterinary medical officer until 2017. She joined IDEXX in 2015 as a contracting anatomic pathologist.

Jason Kimbro, DVM

Anatomic Pathologist

Area(s) of interest: aquatic animal pathology, nondomestic/zoo-animal pathology

Dr. Kimbro received his undergraduate and veterinary degrees from the University of Florida in Gainesville. He developed an early interest in anatomic pathology. In particular, he focused on diseases of nondomestic/zoo species, native wildlife, and aquatic animals. He completed the first 2 years of his anatomic pathology residency at the University of Florida, and his third year as a clinical instructor jointly with the university and the veterinary services department of Walt Disney World® Resort in Orlando. He is also currently helping IDEXX continue to develop their services and collaborations within East Asia.

Nicole Kraipowich, DVM, MS, DACVP

Anatomic Pathologist

Area(s) of interest: anatomic pathology

Dr. Kraipowich received her DVM from Iowa State University in 1995. While there, she also worked for the university's pathology department and for the National Animal Disease Center. After a few years spent in private practice in Oregon and North Dakota, she pursued an MS in veterinary pathology and microbiology at Colorado State University, graduating in 2003. Also that year, she became board certified by the American College of Veterinary Pathologists. She joined IDEXX at the Westminster laboratory in 2005. Additionally, she serves as a relief veterinarian.

Anatomic pathology consultants, *continued*

Catherine Lamm, BS, DVM, MRCVS, DACVP

Anatomic Pathologist

Area(s) of interest: reproductive pathology, infectious diseases

Dr. Lamm has been in the field of veterinary pathology since 1997, when she first started working on the postmortem floor at the University of California, Davis. She received a BS in microbiology from UC Davis in 1999 and a DVM from UC Davis in 2004. She completed her anatomic pathology residency at Cornell University and became board certified through the American College of Veterinary Pathologists in 2007. She was on the faculty at the Oklahoma Animal Disease Diagnostic Laboratory and at the University of Glasgow, Scotland, before joining IDEXX in 2012. She is widely published in the fields of reproductive pathology and infectious diseases, predominantly in domestic species. Dr. Lamm has a strong interest in global collaboration. She helped establish ACVP student chapters at universities within the United Kingdom and Australia and served as chair of the ACVP student chapter committee. She also contributed to a collaborative, multinational EU online pathology course and established a student exchange between universities in the UK and Japan.

“Kevin” JungKeun Lee[†], DVM, MS, DACVP

Anatomic Pathologist

Area(s) of interest: dermatopathology, hepatic pathology, parasites

Dr. Lee received his DVM at Konkuk University and MS degrees at the Seoul National University, Korea. He worked in small-animal practice and emergency clinics for a year and was a pathologist at Neodin Veterinary Diagnostic Laboratory in Seoul, Korea, for 3 years. He came to the United States in 2004 to work as a research scientist at the University of Washington, Seattle, until 2009. He completed his anatomic pathology residency at Mississippi State University and became board certified by the American College of Veterinary Pathologists in 2014. He began working for IDEXX in 2015.

Thomas P. Lipscomb, DVM, DACVP

Anatomic Pathologist

Area(s) of interest: diagnostic pathology, mammary tumors, marine mammal pathology

Dr. Lipscomb attended Auburn University on a military scholarship and received his veterinary degree in 1981, entering the U.S. Army upon graduation. After running a busy small-animal veterinary clinic in Okinawa, Japan, for 3 years, he entered the veterinary anatomic pathology residency program at the Armed Forces Institute of Pathology (AFIP) in Washington, D.C., and achieved board certification 3 years later. He found his niche in diagnostic pathology and remained at the AFIP for 17 years, rising to the post of chief of the Division of Veterinary Pathology, and later, senior consulting pathologist. He has worked extensively with the U.S. Fish and Wildlife Service and the National Marine Fisheries Service on marine mammal disease investigations. He joined IDEXX in July 2013. When not at the microscope, he enjoys traveling and hiking.

Serena M. Liu, VMD, MS, DACVP

Anatomic Pathologist

Area(s) of interest: dermatopathology

Dr. Liu received her VMD from the University of Pennsylvania, and completed an MS and residency training at the University of California, Davis. She became a diplomate of the American College of Veterinary Pathologists in 1996, and has been a practicing diagnostic pathologist since then, including positions at IDEXX, and the Animal Medical Center in New York City. Dr. Liu has a special interest in dermatopathology, and was mentored by Dr. Thelma Lee Gross during her time in California. She is a member of the International Society for Veterinary Dermatopathology and the American Association of Veterinary Dermatology. Dr. Liu lives in New York City with her family, which includes her dog, Clancy, and cat, Olivia. In her spare time she enjoys travel, cooking, and the dual charms of city life (theatre, classical music) and country life (hiking, skiing, and gardening).

Anatomic pathology consultants, *continued*

Richard H. Luong, BVSc, DACVP

Head, North American Anatomic Pathology

Area(s) of interest: biomedical clinical research, lab animal pathology, exotic species, oncopathology

Dr. Luong earned his BVSc at the University of Sydney, Australia, in 2000. He worked as a companion-animal veterinarian in the UK and Hong Kong before starting his career in veterinary anatomic pathology by working as a diagnostic pathologist in training with NSW Ag (now part of the New South Wales Department of Primary Industries) in Australia in 2002. He then joined the combined training program of the Animal Medical Center, Weill Medical College of Cornell University, Memorial Sloan Kettering Cancer Center, and Rockefeller University as a veterinary anatomic pathology resident; he completed his residency in 2006. He stayed on as an associate pathologist with the Animal Medical Center until 2007, when he became board certified through the American College of Veterinary Pathologists. Since 2007, he has been with the Department of Comparative Medicine at the Stanford University School of Medicine as a veterinary pathologist and senior research scientist. Dr. Luong joined IDEXX in October 2014. He is widely published in the fields of laboratory animal science/pathology and biomedical research through his collaborations at Stanford University. He supports the training of residents in veterinary pathology and is currently a member of the ACVP Examination Committee.

Megan McCarthy, DVM, DACVP

Anatomic Pathologist

Area(s) of interest: exotic and wildlife species

Dr. McCarthy received her BA from Yale University and her DVM from North Carolina State University in 2013. She completed a residency in anatomic pathology with an emphasis on zoo and wildlife species at the University of California, Davis, and the San Diego Zoo in 2016. She was board certified by the ACVP in 2016. She joined IDEXX in April 2017. She has a special interest in the pathology of exotic and wildlife species.

Becky McElhaney, DVM, DACVP

Anatomic Pathologist

Area(s) of interest: diagnostic pathology, mammalian pathology, dermatopathology, reproductive pathology

Dr. McElhaney received a BS in agriculture from the University of Florida in 1983 and a DVM from the University of Florida in 1992. She completed the first 2 years of her residency in anatomic pathology at the University of Florida, and a third year at the University of California, Davis. She remained at UC Davis as a staff pathologist and chief of the university's pathology service until joining IDEXX in 1997. She has been board certified in anatomic pathology by the American College of Veterinary Pathologists since 1995.

Barbara McMahon, DVM, DACVP, PhD

Anatomic Pathologist

Area(s) of interest: dermatopathology

Dr. McMahon earned her DVM from the Technical University of Lisbon, Portugal, in 2006. She then completed a residency in anatomic pathology and a PhD in comparative pathology at the University of California, Davis. She became a diplomate of the American College of Veterinary Pathologists in 2011. Dr. McMahon has a special interest in dermatopathology and was mentored by Dr. Verena Affolter and Dr. Thelma Lee Gross. While at UC Davis, she also attended dermatopathology rounds and lectures at the university's school of medicine. She joined IDEXX in 2014, is currently the vice president of the International Society of Veterinary Dermatopathology, and is a member of the editorial board of the *Veterinary Dermatology Journal*. She enjoys gardening, cooking, horseback riding, rock climbing, and the great outdoors.

Kristy A. Mielka, DVM, DACVP

Anatomic Pathologist

Area(s) of interest: dermatopathology, reproductive pathology, livestock pathology, diagnostic pathology

Dr. Mielka graduated from Michigan State University (MSU) College of Veterinary Medicine in 2002 and spent 5 years in companion-animal practice in the greater metro Detroit area. She returned to MSU for an anatomic pathology residency in 2007 and spent the final year of her program with a focus in toxicologic pathology at a contract research laboratory. Dr. Mielka achieved board certification in 2011. She stayed on as faculty at MSU for 5 years, teaching organ histology and systemic pathology to veterinary students, as well as performing diagnostic service work in anatomic pathology. Dr. Mielka joined IDEXX in January 2016. She enjoys swimming, hiking, camping, canoeing, and spending time outdoors with her husband and two young children.

Anatomic pathology consultants, *continued*

Michelle Nobrega-Lee, DVM, DACVP

Anatomic Pathologist

Area(s) of interest: avian pathology, exotic and zoo species, large-animal pathology, ocular pathology, oncologic pathology

Dr. Nobrega-Lee graduated from Tuskegee University in 2007. She then completed a small-animal internship at Tufts University in 2008, followed by an avian and exotic animal medicine and surgery residency at Angell Animal Medical Center in 2010. That was followed by completion of a residency in anatomic pathology at the University of Tennessee in 2014 and subsequent board certification in 2014. She currently lives in Smyrna, Georgia, with her husband, Dr. Nathan Lee, who is a veterinary radiation oncologist; a daughter; two chocolate Labs; a cat; and a Quaker parrot. She enjoys running, traveling, and anything bird-related.

Janelle M. Novak, DVM, PhD, DACVP

Anatomic Pathologist

Area(s) of interest: diagnostic pathology, pocket pets

Dr. Novak received her veterinary and graduate training concurrently at the University of Florida, completing her DVM in 2008 and her PhD in 2007 through the assistance of the National Institutes of Health. Dr. Novak completed her residency training at the University of Tennessee and became a diplomate of the American College of Veterinary Pathologists in 2011. She joined IDEXX immediately after boards. Her interests include diagnostic pathology, with a special interest in pocket pets. Dr. Novak spends as much nonworking time as possible with her husband, two children, and two Pembroke corgis. She enjoys being outdoors, hiking, baking, gardening, and traveling.

David M. Pinson^{*,†}, DVM, PhD, DACVP, DACLAM

Anatomic Pathologist

Area(s) of interest: primates, laboratory animals, neoplasia

Dr. Pinson is a 1978 graduate of the University of Georgia College of Veterinary Medicine. He practiced in Kentucky for 2 years prior to returning for pathology and laboratory animal medicine training at the University of Alabama at Birmingham, where he completed a PhD degree in 1985. He subsequently passed the ACVP board examination in 1986 and the laboratory medicine board examination in 1990. He completed an NIH Research Career Development award at the University of Kansas Medical Center. He was on faculty at the University of Kansas for 21 years. He is currently a professor in the department of pathology at the University of Illinois (Chicago) College of Medicine at the Peoria campus (UICOMP). He teaches general pathology, systems pathology, and pharmacology to first- and second-year medical students and directs a small laboratory animal facility at UICOMP. He serves on numerous university committees and on the Certification Examination Board of the ACVP. Past service has included the editorial boards of *Veterinary Pathology* and *Vaccine Immunology*. His CV lists 98 publications and 1 book chapter.

Teena Price[†], BVMS, BSc, DACVP

Anatomic Pathologist

Area(s) of interest: round cell tumors, immunohistochemistry

Dr. Price graduated from Murdoch University, Australia, with a bachelor of veterinary medicine and surgery (DVM equivalent) in 1994. She worked in mixed practice, small-animal practice, and emergency clinics in England and Australia from 1995–2004. She completed a veterinary pathology internship at the University of Queensland in 2004 and an anatomic pathology residency at University of California, Davis, in 2006. She has been board certified through the American College of Veterinary Pathologists since 2007.

Geneviève Remmers, DVM, DACVP

Anatomic Pathologist

Area(s) of interest: bone pathology, immunohistochemistry, oral pathology, diagnostic pathology

Dr. Remmers received her DVM from the University of Montreal in 2008. Following graduation, she completed a residency in anatomic pathology at the University of Minnesota. Dr. Remmers attained American College of Veterinary Pathologists board certification in 2011. She is fluent in French and English and is able to provide anatomic pathology consults in both languages. Outside of veterinary medicine, Dr. Remmers enjoys cooking, hiking, and spending time with her son, Hugo; husband, David; and two dogs, Paco and Lucy.

Anatomic pathology consultants, *continued*

Randall L. Rietscheck, DVM, DACVP

Regional Manager, Anatomic Pathologist

Area(s) of interest: diagnostic anatomic pathology and leadership development

Dr. Rietscheck received his DVM from Kansas State University in 1987. After 4 years in private small-animal practice and 4 years with the U.S. Department of Agriculture's Food Safety Inspection Service, he proudly served almost 22 years in the U.S. Army Veterinary Corps. He completed a residency in veterinary anatomic pathology at the Armed Forces Institute of Pathology (AFIP) in 2002 and attained board certification that year. Dr. Rietscheck served in a variety of leadership positions in pathology in the U.S. Department of Defense, culminating as director of the Department of Veterinary Science at the Army Medical Department Center and School. He joined IDEXX in October 2017. He enjoys traveling and many outdoor activities with his wife Patti.

Mark Evan Robarge, DVM, MS, DACVP

Anatomic Pathologist

Area(s) of interest: neuropathology, infectious diseases, avian pathology, large-animal pathology

Dr. Robarge completed his veterinary degree in 2012 and his anatomic pathology residency in 2015, both at Purdue University. He became board certified through the American College of Veterinary Pathologists in 2015 and joined IDEXX in January 2016. Dr. Robarge is a member of the American College of Veterinary Pathologists and the American Association of Veterinary Laboratory Diagnosticians. He lives in Zionsville, Indiana, where he enjoys various outdoor activities, including hiking, wakesurfing, and paddleboarding, while also staying active with the Zionsville Aquatic Masters swim team.

Lois Roth-Johnson*, DVM, PhD, DACVP

Anatomic and Clinical Pathologist

Area(s) of interest: diagnostic pathology, gastrointestinal and liver disease, infectious diseases

Dr. Roth-Johnson began her veterinary career when she received her DVM from Cornell University. After completing a residency in anatomic pathology at Oklahoma State University, she returned to Cornell to earn her PhD. She then became board certified in anatomic and clinical pathology. Dr. Roth-Johnson has served on the faculties at the Virginia-Maryland Regional College of Veterinary Medicine and at the University of Florida. For 9 years, she was director of the clinical laboratory at Angell Memorial Animal Hospital.

Steve Rushton†, DVM, DACVP

Anatomic Pathologist

Area(s) of interest: anatomic pathology

Dr. Rushton attended Kansas State University and received his degree in 1993. He practiced in Chicago for 7 years at a small-animal private practice. In 2000, he began working at the North Carolina State Diagnostic Laboratory in Raleigh, North Carolina, where he still works full-time as a pathologist. In 2001, he began a residency in anatomic pathology at North Carolina State University College of Veterinary Medicine. Dr. Rushton was board certified by the American College of Veterinary Pathology in 2006 and, a year later, began working for IDEXX as a contracting anatomic pathologist.

Elisa N. Salas, DVM, DACVP

Anatomic Pathologist

Area(s) of interest: neuropathology, dermatopathology, ocular pathology

Dr. Salas grew up in Philadelphia, and always knew that she wanted to be a veterinarian. She first realized her love of pathology at necropsy show and tell rounds at Cornell University, where she obtained her DVM. After 4 years of mixed-animal and small-animal practice, she jumped at the opportunity to pursue a residency at the University of Nebraska–Lincoln Veterinary Diagnostic Laboratory. During that time, Dr. Salas developed and taught her own gross pathology class, focusing on exotic animals. In addition to her pathology experience, she has a strong interest in big-data analysis and publications in both fields. She passed her boards in 2013. In addition to helping submitting veterinarians at IDEXX, she also serves as a consultant on the Clinical and Anatomic Pathology boards of the Veterinary Information Network. Her volunteerism includes membership in the Member Relations Committee of the ACVP and teaching high school students zoo anatomy and pathology at the Henry Doorly Zoo in Omaha.

Anatomic pathology consultants, *continued*

Ravi Seebaransingh, BVetMed, MSc, MRCVS, DACVP

Anatomic Pathologist

Area(s) of interest: surgical pathology, exotic species

Dr. Seebaransingh graduated in 1991 from the Royal Veterinary College, University of London. He worked in mixed practice, both private and government in Trinidad (Caribbean), before pursuing a master of science degree in pathobiology at University of Guelph in 1997. He then returned to Trinidad and worked at the National Veterinary Diagnostic Laboratory for 5 years and subsequently spent 8 years at the University of the West Indies School of Veterinary Medicine, where he lectured in general and systemic veterinary pathology. He also provided gross and diagnostic pathology services on a wide range of species. Dr. Seebaransingh received board certification in 2009 and joined IDEXX in 2012. He enjoys photography, hiking, bird-watching, and tai chi.

Alba Maria M. Shank, DVM, MS, DACVP

Assistant Manager, East Region; Anatomic Pathologist

Area(s) of interest: eye pathology, reproductive pathology, diseases of small and large ruminants and camelids

Dr. Shank was born in Charlottesville, Virginia, and completed her DVM and MS at the Virginia-Maryland College of Veterinary Medicine in Blacksburg, Virginia. She completed a veterinary anatomic pathology residency at the University of Kentucky Veterinary Diagnostic Laboratory in 2009. In 2010 she moved to Madison, Wisconsin, to work at the University of Wisconsin Veterinary Diagnostic Laboratory and became a board-certified veterinary anatomic pathologist in September 2011. She joined the IDEXX team at the North Grafton, Massachusetts, laboratory in February 2012 and was promoted to an assistant manager position (east region) in June 2014. Nonpathology interests include gardening, canning, knitting, farming, hiking, camping, general outdoorsy stuff, and playing in the dirt with her three children and husband.

Steve Smith, DVM, DACVP

Anatomic Pathologist

Area(s) of interest: diagnostic pathology, hepatic pathology, dermatopathology, tumor pathology

Dr. Smith has been in the field of veterinary pathology since 1989. He earned a BA in biology from Cornell University in 1979, after which he worked as a veterinary technician and then as a technician at an organ transplant company in California. In 1989, he completed a DVM at the University of California, Davis. He completed his residency in anatomic pathology in 1992, also at UC Davis, and is board certified. He has been with IDEXX since 1993.

Nick Sorensen, DVM, DACVP

Anatomic Pathologist

Area(s) of interest: large-animal pathology (especially bovine respiratory disease), dermatopathology, infectious disease

Dr. Sorensen grew up in Bozeman, Montana, and has been involved with veterinary medicine from the time he could accompany his father on large-animal farm calls. After finishing his undergraduate studies at Montana State University, he completed his DVM at Washington State University in 2008 and returned to Montana to practice mixed-animal medicine. His interest in pathology led him to apply for residency positions and in 2012 he began his anatomic pathology residency at Oklahoma State University and became board certified through the American College of Veterinary Pathologists in 2015. In his spare time, Dr. Sorensen spends as much time as possible with his fiancé Katie and their dog Lily. He also spends as much time fly-fishing and being outside as his schedule allows.

Shane Stiver, BS, DVM, DABVP (Canine/Feline), DACVP

Anatomic Pathologist

Area(s) of interest: general and surgical pathology

Dr. Stiver came to veterinary pathology following 12 years as a practicing veterinarian in northern California. He received a BS in zoology from the University of California, Davis, in 1985, and his DVM from UC Davis in 1989. He was an associate small-animal practitioner in San Rafael, California, for 2 years before purchasing and operating Frontier Pet Clinic in Napa, California, in 1991. A small-animal practitioner, he expanded the practice to include avian and exotic patients. He was board certified in canine and feline practice by the American Board of Veterinary Practitioners in 1998. He left clinical practice in 2001 and returned to academia, completing a residency in veterinary anatomic pathology at the University of Georgia in 2004. He became board certified by the American College of Veterinary Pathologists in 2004, when he joined IDEXX as a veterinary anatomic pathologist. Dr. Stiver enjoys case consultation with his colleagues in veterinary practice and has an interest in medical illustration. He serves as a subject matter expert for the California State Veterinary Medical Board.

Anatomic pathology consultants, *continued*

Rommel Max Tan, DVM, MS, DACVP, PhD

Anatomic Pathologist

Area(s) of interest: general diagnostic pathology, ocular pathology, liver pathology, mammary gland pathology

Dr. Tan received his DVM from the University of the Philippines in 2005. Afterward, he completed an MS degree from the University of Maryland in 2008. He completed a residency in veterinary anatomic pathology at the University of Illinois in 2011 and attained board certification that year. He also completed a PhD from the same institution in 2013. Dr. Tan served as an assistant professor in a small agricultural college in 2014. He joined IDEXX in April 2015, and he enjoys traveling and watching movies.

Jeremy Tobias, DVM, DACVP

Anatomic Pathologist

Area(s) of interest: surgical pathology, eye pathology, dermatopathology

Dr. Tobias was born in South Africa and raised in Alabama. He attended Cornell University for his undergraduate studies, and in 2011 he received his veterinary degree from North Carolina State University College of Veterinary Medicine and subsequently stayed to complete an anatomic pathology residency. In 2014, Dr. Tobias attained American College of Veterinary Pathologists board certification and joined IDEXX Laboratories in Memphis.

Amy Louise Warren*, BSc, BVSc (Hons. I), PhD, DACVP (anatomic and clinical pathology)

Anatomic Pathologist

Area(s) of interest: hematopathology, dermatopathology, neuropathology

Dr. Warren graduated from the University of Queensland, Australia, in 2001. She completed an internship in small-animal medicine and surgery at the Queensland Veterinary Specialist Center in 2002. In 2003, she did an anatomic pathology residency at Cornell University, followed by a clinical pathology residency in 2007. Dr. Warren is a double-boarded diplomate of the American College of Veterinary Pathologists in anatomic pathology (2006) and clinical pathology (2007). She joined the faculty of veterinary medicine at the University of Calgary as an assistant professor and founding faculty member in 2008 and was promoted with tenure to associate professor in 2014. She has a PhD in medical education and has a passion for educating veterinarians and veterinary pathologists. She has served as a proctor on the ACVP board examination and is currently a full member of the ACVP board examination committee in clinical pathology. Dr. Warren loves all aspects of diagnostic pathology but particularly likes hematopathology, dermatopathology, and neuropathology. When she's not working, she is spending time with her husband and four young children in the gulf islands of British Columbia.

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*The specialist is double-boarded.

†The specialist is a contractor.