2022 ACVP/ASVCP Annual Meeting Program

Saturday, November 12
8:00 AM - 12:00 PM
ACVP Workshop: Trace Evidence Collection in Veterinary Forensic Pathology
Chairs: Sean P. McDonough, DVM PhD DACVP | Beverly McEwen, DVM MSc PhD DAVCP | Tabitha C. Viner, DVM, DACVP
Trace evidence can be an important part of the forensic necropsy. This workshop will focus on techniques to collect and preserve trace evidence. Specific topics covered will include collecting DNA samples, using an alternate light source to aid in the identification and collection of trace evidence, and a systematic approach to collect evidence in cases of suspected zoophilia.

The Use of Alternative Light Sources to Identify Biological Fluids and Trace Evidence
Jessica Hovingh, MS

The Forensic Postmortem Examination Approach to Animal Sexual Abuse
Adam Stern, DVM DACVP
University of Florida

Collection and Preservation of DNA Evidence in Veterinary Medicolegal Death Investigations
Erin Meredith, MS

8:00 AM - 5:00 PM
ACVP Workshop: Placental, Fetal and Infant Primate Pathology
Chairs: Sarah E. Beck, DVM PhD | Rebekah I. Keesler, DACVP
In the morning, invited guest speakers will cover diverse topics including placental anatomy, histology and pathology in non-human primates, fetal and neonatal pathology of vervets, and developmental and reproductive toxicology (DART) pathology in cynomolgus macaques. In the afternoon, pre-selected attendees will present discrete primate cases.

Comparative Placentation and Primate Placental Structure
Christopher Premanandan, DVM PhD DACVP DACT
The Ohio State University

Placental Pathology in Primates
J Mark Cline, DVM PhD DACVP
Wake Forest School of Medicine

Fetal Placental and Juvenile Histopathology from DART Studies with Biopharmaceuticals in Cynomolgus Monkeys
Wendy Halpern, DVM PhD DACVP
Genetech

Fetal and Neonatal Pathology of African Green Monkeys (Chlorocebus aethiops)
Emily Mackey, PhD DVM
Wake Forest Baptist Health Animal Resources Program

8:00 AM - 5:00 PM
Davis-Thompson Foundation Workshop: Getting into the Hard Stuff: Tumors of Bone, Cartilage, and Dental Tissues
Chair: Jennifer L. Chapman, DVM DACVP
Speakers will present material from the fourth volume of the series, "Surgical Pathology of Tumors of Domestic Animals: Tumors of Bone, Cartilage and Other Hard Tissues." Presentations include General Considerations for Hard Tissues;
Integrating Cytology, Radiology and Immunohistochemistry into the Diagnosis of Hard Tissue Tumors; Key Features of Selected Bone Tumors; Key Features of Bone & Cartilage Tumors Using a Case-Based Approach; Key Features of Fibrous, Bony, and Dental Tumors of the Jaw; and Case Discussion.

Keren E. Dittmer, BVSc Dist PhD DACVP
School of Veterinary Science at Massey University

Robert Foster, BVSc PhD MANZCVS DACVP
Ontario Veterinary College

Cynthia M. Bell, DVM DACVP
Specialty Oral Pathology for Animals

8:30 AM - 5:00 PM
ASVCP Workshop: Emerging Concepts in Veterinary Laboratory Quality
Chair: Jeremie Korchia, DVM DACVP
Laboratory quality assessment is constantly evolving, becoming a significant part of our training and mission. We are delighted to welcome an exceptional speaker from the human field, Professor Sten, as well as a panel of veterinary experts to discuss emerging concepts in veterinary laboratory quality.

Competency-Based QA-QC Training for Veterinary Clinical Pathology Residency Programs
Bente Flatland, DVM MS DACVP DACVIM (SAIIM inactive status)
University of Tennessee College of Veterinary Medicine

Repeat Patient Testing QC – Background and Theory
Bente Flatland, DVM MS DACVP DACVIM (SAIIM inactive status)
University of Tennessee College of Veterinary Medicine

Repeat Patient Testing-Quality Control: From Theory to Practice
Kathleen Freeman, DVM BS MS PhD DipECVCP FRCPath MRCVS
VPG

Uncertainty or Something Close to It
A Russell Moore, MS DVM DACVP
Colorado State University

The Multiple Facets of the Bias: Make a Meaningful Choice
Jeremie Korchia, DVM DACVP
Colorado State University

International EQA Program in Veterinary Endocrinology
Peter Graham, BVMS PhD CertVR DipECVCP SFHEA MRCVS
University of Nottingham

1:30 PM - 5:30 PM
ACVP Workshop: A Taste of Toxicologic Pathology
Chairs: Jerrold Ward, DVM PhD DACVP FIATP | Ingrid D Pardo, DVM MS DACVP | Deepa Rao, BVSc MS PhD DABT DACVP FIATP
The workshop will provide a window into the wonderful world of toxicologic pathology. In a broad sense, toxicologic pathology encompasses basic medical research, and the toxicology and pathology involved in safety assessment of regulated products in general commerce. These include agents with potential for toxicity from environmental exposures (chemicals, food, radiation, noise) as well as of therapeutic candidates (small molecule drugs, biologics, medical devices,
all other agents) being developed for the diagnosis, prevention and treatment of diseases, including bioassays (in-vivo screening methods and animal models of disease) to fulfill the primary objectives of safety within the realm of regulatory risk assessment. The session includes presentations on selected topics ending with an open platform discussion between the audience and speakers.

Introduction to Toxicologic Pathology
Deepa Rao, BVSc MS PhD DABT DACVP FIATP
Greenfield Pathology Services Inc

Toxicologic Pathology Nomenclature and Diagnosis
Jerrold Ward, DVM PhD DACVP FIATP
Global VetPathology

Environmental Toxicologic Pathology
Ann Hubbs, DVM PhD DACVP
NIOSH CDC

Safety Assessment
Emily Meseck, DVM DABT DACVP
Novartis

The Role of the Pathologist in Drug Development: Focus on Emerging Technologies
Keith Mansfield, DVM DACVP
Novartis

Stem Cell Therapy Development
Kevin Keane, DVM PhD FIATP
Blueprint Medicines

The Case of Platform-Related Toxicologic Pathology of AAV-Based Gene Therapy Products
Basel Assaf, BVSc PhD DACVP
Sanofi

Workshop Summary and Roundtable Discussion
Ingrid D Pardo, DVM MS DACVP
Biogen

5:00 PM - 7:00 PM
aMAZEing Builders Backpack Building Event
*Pre-registration required and limited to the first 50 registrants. Add to your meeting registration. Network with your peers while having fun and doing good. Collaborate and compete on teams to fill 100 backpacks with school supplies for a Boston-area charity. Brought to you by the ACVP Member Relations Committee.

5:15 PM - 6:30 PM
Meet the Pathologists
Chair: R. Mark A Simpson, DVM, PhD, DACVP
Join us for an informative and insightful discussion on careers in veterinary pathology. Attendees will obtain astute perspectives from established or earlier career ACVP members from diverse sectors and disciplines. Our presenters are selected annually to represent the variety of professional activities performed by veterinary pathologists. Presenters will introduce their careers, discuss their paths, and describe how they benefit society in a variety of meaningful ways. They welcome questions regarding these topics and the roles for pathologists in academic, industry, and research disciplines.
This informal exchange is designed for veterinary students considering a career as a veterinary pathologist, as well as pathologists/pathologists-in-training thinking about how to navigate their professional trajectories. 

Speakers: Kelli Boyd, DVM PhD DACVP | Cathy Carlson, DVM PhD DACVP | Amy L. MacNeil, DVM PhD DACVP

7:30 PM - 9:00 PM
Opening Reception
Join us in the exhibit hall to kick-off the 2022 Annual Meeting. Reconnect with ACVP and ASVCP colleagues. Interact with veterinary students presenting scientific posters. Visit booths for the latest innovations in veterinary pathology products and services.

Sunday, November 13
6:30 AM- 7:30 AM
Chair Yoga with Katherine & Gratitude Meditation with Sue
Chairs: Katherine N. Gibson-Corley, DVM PhD DACVP | Julie Engiles, DACVP | Sue Knoblaugh, DACVP | David Rotstein, DVM MPVM DACVP
Chair yoga is a great option for everyone who wants to start their day with some yoga but wants to get to the meeting ASAP! This session is appropriate for all levels and feel free to attend in your conference clothes, although yoga wear might be comfier. The session will end with a relaxing gratitude meditation.

7:00 AM - 8:30 AM
Student Chapters of the ACVP Breakfast and Networking Event
Chairs: Sophie A. Aschenbroich, DVM DACVP; Janet C. Beeler-Marfisi DAVCP
ACVP’s Student Chapters Committee invites all veterinary students attending the 2022 Annual Meeting to attend a breakfast and networking event. The event will discuss what the Committee has to offer as well as ongoing opportunities from the Society of Toxicology Pathology. The Veterinary Student Poster Awards and this year’s Mentor of the Year honoree will also be announced! Finally, this event also offers an opportunity to meet and mingle with pathology heroes, win raffle prizes, as well as engage and learn during a Q&A session fielding general enquiries on residency programs and application processes (including the Tuskegee anatomic pathology internship program)!

8:00 AM - 12:00 PM
ACVP and ASVCP Joint Plenary: Pathology of One Health
Chairs: Kris Helke, DVM PhD DACVP | Jana M. Ritter, DVM DACVP
The plenary session addresses a topic with broad importance to the field of veterinary pathology. The 2022 plenary session will focus on One Health. The objective is to improve the attendee’s base of knowledge in several key aspects of the scientific topic that have gained importance due to recent scientific advancements. The plenary keynote speaker is Brian Bird, DVM, MSPH, PhD, Director One Health Institute Laboratory, UC Davis. Many diseases that affect humans also affect or originate from veterinary species. New strategies to identify and study diseases in other species will help advance human medicine. Planned talks include topics from leaders in the field of One Health focusing on animal sentinel events, environmental changes, tumor studies, and coronaviral reservoirs and how they impact and interact with human health. We will share achievements, challenges, and future directions in these growing and often overlooked areas of biomedical research and clinical practice.

One Health Based Approaches for Emerging Virus Surveillance
MacDonald Farham, DVM MS CPH

Comparative Pathology of SARS-CoV-2 Across the Animal Kingdom
Craig Miller, DVM PhD DACVP
Oklahoma State University

SARS-CoV-2 in White-tailed Deer
Susan Shriner, BS MPA MSES PhD
Crossing the Species Barrier - Using One Health to Study Cancer
Tara Harrison, DVM MPVM DACZM DACVPM DEZM CVA
NC State University

Harmful Algal Blooms and Associated Animal Health Impacts
Leanne Flewelling, MS PhD

8:00 AM - 12:00 PM
ASVCP Veterinary Laboratory Professionals Session I
Chairs: Julie Allen, DACVP | Trellor Fraites
Fluid Analysis
Craig Thompson, DVM DACVP
Purdue University

Are We Getting Our Hormones Right?
Peter Graham, BVMS PhD CertVR DECVP MRCVS
University of Nottingham

Biosecurity in the Veterinary Laboratory
David White, DVM PhD RBP DACVM
National Centers for Animal Health USDA / APHIS / VS / D&B / CVB / SSU

12:15 PM - 1:15 PM
Emerging Disease Focus Seminar
Chair: Jana M. Ritter, DVM DACVP
The Revolving Door of Antimicrobial Resistance
Elizabeth Dodds Ashley, PharmD MHS
Duke Center for Antimicrobial Stewardship and Infection Prevention

12:15 PM- 1:15 PM
Creating Your Best Life: Setting Effective Goals
Chair: Katherine N. Gibson-Corley, DVM PhD DACVP
This session is led by Dr. Deb Elbaum, an executive and leadership development coach who has been guiding people to think and act calmly and confidently for more than 15 years. Deb will introduce how she uses neuroscience to understand goal setting and new habit formation. This will be a fun, relaxed, interactive session to identify both professional and personal goals and baby steps to work towards them as well as discuss how to support building new habits.

Creating Your Best Life: Setting Effective Goals
Deb Elbaum, MD PCC
Deb Elbaum LLC

12:15 PM - 1:15 PM
Veterinary Student Selected Platform Presentations
Chair: Emily Corbin, DACVP
1:30 PM - 5:00 PM
**ASVCP Veterinary Laboratory Professionals Session II**

**Chairs:** Julie Allen, BVMS MS DACVIM DACVP | Trellor Fraites
- Principles of Repeat Patient Testing – Quality Control for Veterinary Hematology
  - Kathleen Freeman, DVM BS MS PhD DECVP MRCVS VPG
- Prototype for a Point of Care Testing and Reference Lab Comparative Testing Program
  - Kathleen Freeman, DVM BS MS PhD DECVP MRCVS VPG
- Recruitment, Retention, and a Dose of Reality: How to Confront the Laboratory Workforce Shortage
  - Miles Tompkins, MLT(ASCP)CM
  - Diagnostic Laboratory of OK (joint venture between Quest Diagnostics and INTEGRIS Health)
- A Comedy of Lab Errors
  - Julie Webb, DVM DACVP
  - Cornell University

1:30 PM - 5:00 PM
**Clinical Pathology Focused Scientific Session I**

**Chair:** Charlotte Hollinger, VMD MS DACVP
- MicroRNAs for Clinical Outcome Prediction in Canine Cancers
  - Geoffrey Wood, DVM PhD DVSc
  - University of Guelph

1:30 PM - 5:00 PM
**Diagnostic Pathology Focused Scientific Session I**

**Chairs:** Arnaud J. Van Wettere, DVM MS PhD DACVP | Francisco Uzal, DVM MSc PhD DACVP

1:30 PM - 5:00 PM
**Industrial and Toxicologic Pathology Focused Scientific Session**

**Theme:** Beyond the Microscope: Transcending Traditional Career Paths in Toxicologic Pathology. Panelists will give 10-minute talks on their background and careers in industrial/regulatory settings, then participate in a round-table discussion, followed by Q&A with attendees.

**Panelists:** LuAnn McKinney | Lindsay Tomlinson | Brian Berridge | Bruce Car | Tim LaBranche

5:30 PM - 7:00 PM
**ACVP Town Hall Business Meeting**

**Chair:** ACVP President Kelli L. Boyd, DVM PhD DACVP

*ACVP members only. All ACVP members are encouraged to attend to hear about and discuss timely College topics.

7:00 PM - 9:00 PM
**Neuropathology Mystery Slide Review**

**Chair:** Andrew D. Miller, DACVP

The mystery neuropathology session has been a mainstay at the annual ACVP meeting dating back close to four decades. Five cases will be presented and discussed further by a panel of expert veterinary neuropathologists. A neuropathology
image quiz will accompany the session. Special to this year will be an evening lecture by world renowned veterinary neuropathologist, Dr. Brian Summers BVSc, MSc, PhD, Dipl. ACVP, entitled “Alzheimer's Disease and the Canine Retina.”

7:00 PM - 9:00 PM
**The Ohio State University College of Veterinary Medicine Alumni Reception**

7:00 PM - 9:00 PM
**University of Pennsylvania School of Veterinary Medicine Alumni Reception**

7:00 PM - 10:00 PM
**UC Davis Alumni Reception**

8:00 PM - 9:30 PM
**Iowa State University Alumni Reception**

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**Monday, November 14**
6:30 AM - 7:30 AM
**Yoga: Vinyasa Flow and Body Scan Meditation with Julie**
Chairs: Katherine N. Gibson-Corley, DVM PhD DACVP | Julie Engiles, DACVP | Sue Knoblaugh, DACVP | David Rotstein, DVM MPVM DACVP
This yoga flow is appropriate for all levels and will focus on movement and breath which will last approximately 50-55 minutes followed by body scan meditation.

8:00 AM - 10:00 AM
**Here, There & Everywhere: A Panel Perspective on Remote Working**
Chairs: Krista La Perle, DVM PhD DACVP | Piper Treuting, DVM MS DACVP
Anatomic and clinical pathologists representing academia, a commercial diagnostic lab and the biopharmaceutical industry will discuss the advantages and disadvantages of working remotely. Perspectives for effective remote work will be shared from those engaged in remote work as well as those who hire individuals engaged in remote work. Topics will include personal attributes, team dynamics, office enhancements and technological tools.
Speakers:
- Tara Arndt, DVM DACVP
  Labcorp Drug Development
- Stephen Crane, DVM MS (ACVP Board-Eligible)
  Zoetis
- Krista La Perle, DVM PhD DACVP
  Takeda Development Center Americas Inc
- Casey LeBlanc, DVM PhD DACVP
  Eastern VetPath
- Marian Rippy, MS DVM PhD DACVP
  Rippy Pathology Solutions Inc
Brett Saladino, DVM DACVP
StageBio

Jessica Snyder, DVM MS DACVIM (Neurology) DACVP
University of Washington

Piper Treuting, DVM MS DACVP
Seagen

8:00 AM - 12:00 PM
**ASVCP One Pathology: Cytology-Histology Correlates**
Chair: Julie Allen, DACVP

Cutaneous Canine Mast Cell Tumors: Is Cytology Up to Grade?
Paula Krimer-Rollison, DVM DVSc DACVP
Veterinary Information Network

Cutaneous Canine Mast Cell Tumors: Is Cytology up to Grade?
Taryn Donovan, DVM DACVP
Animal Medical Center

Hepatic Disease: Clinical and Anatomic Pathology Interpretations
John Cullen, VMD PhD DACVP FIATP
NC State University

Hepatic Disease: Clinical and Anatomic Pathology Interpretations
A. Russell Moore, DVM MSc DACVP
Colorado State University

Bone Cytology: Is It Really That Hard?
Anne Barger, DVM MS DACVP
University of Illinois

Bone Cytology: Is It Really That Hard?
Jonathan Samuelson, DVM MS DACVP
University of Illinois

Take a Walk on the Wild Slide
Francisco Conrado, DVM Msc DACVP
Tufts University

Take a Walk on the Wild Slide
Kali Holder, DVM MS DACVP
Smithsonian Conservation Biology Institute

8:00 AM - 12:00 PM
**Veterinary Forensic Pathology**
Chair: Sean McDonough, DVM PhD DACVP

Hemorrhagic Shock
Sean McDonough, DVM PhD DACVP
Cornell University
Intentional Poisoning: Challenges and a Descriptive Case From Chile
Maria Jose Navarrete Talloni, VM MPVM PhD
Ross University

Forensic Entomology in the Caribbean
Maria Jose Navarrete Talloni, VM MPVM PhD
Ross University

Cars Cretins and Conspecifics: Differentiating the Many Faces of Trauma
Tabitha Viner, DVM DACVP
National Fish and Wildlife Forensics Laboratory

Qualifying as an Expert Witness and Your Obligations to the Court
Diane Balkin, JD
Denver District Attorney’s Office, retired

8:00 AM - 12:00 PM
Diagnostic Pathology Focused Scientific Session II
Chairs: Arnaud J. Van Wettere, DVM MS PhD DACVP | Francisco Uzal, DVM MSc PhD DACVP

12:15 PM - 1:15 PM
Highlights of the 2022 ACVIM Consensus Statement on the Diagnosis of Immune Thrombocytopenia in Dogs and Cats
Chair: Austin K. Viall, DVM MS DACVP
Co-Chairs of the Consensus Statement panel on Diagnosis and Treatment of Immune Thrombocytopenia in Dogs and Cats will present an overview of key diagnostic P(E)CO format questions (Patient population, Exposure/Evaluation, Comparator, Outcomes) focused on the workup of dogs and cats with ITP. In this session we will provide guidelines for useful tests for diagnosis of ITP and prediction of ITP disease severity. We will also summarize quantitative and qualitative evidence for comorbidities as a cause for ITP and the subsequent screening guidelines we have developed for routine ITP workup in small animal patients. All recommendations were generated by a systematic review of available primary veterinary literature and revised with an extensive Delphi process.
Speakers: Linda Kidd, DVM PhD DACVIM (SAIM) | Dana LeVine, DVM PhD DACVIM (SAIM)

12:15 PM - 3:00 PM
Latin Comparative Pathology Group Presents and Business Meeting
Chairs: Ileana Miranda, DVM MSc DACVP | Angela Arenas, DVM PhD DACVP | Ana Alcaraz, DVM PhD DACVP
12:15-2:00pm: Latin Comparative Pathology Group Presents (education); 2-3pm LCPG Business Meeting
Speakers: Sébastien Monette, DMV MVSc DACVP | Olga Gonzalez, DVM DACVP | Rodrigo Caldas Menezes, DVM MSc PhD

1:00 PM - 3:00 PM
ACVP Veterinary Student and Resident Forum
Schools with veterinary pathology programs showcase their programs at their designated table, with faculty and current residents available to chat with veterinary students who move from table to table, exploring options in a relaxed atmosphere.

1:30 PM - 3:00 PM
Leadership in Academia: The 5W’s and 1H
Alicia Olivier, DVM PhD DACVP | Nicola Parry, BSc (Hons) MSc BVSc (Hons) DACVP
This session will focus on the diverse leadership positions of three academic pathologists, highlighting a range of experiences based on developing and redefining their roles at one or multiple institutions during their careers. After the
three speakers have shared their leadership stories, the session will close with an interactive panel to allow the audience to directly engage with the speakers. This session aims to inspire attendees to either undertake a first leadership role or expand on their current roles.

My Leadership Story
Cathy Carlson, DVM PhD DACVP
University of Minnesota College of Veterinary Medicine

Leadership Through My Lens
Paige Carmichael, DVM PhD ACVP
University of Georgia College of Veterinary Medicine

Stepping Up Leading in New Places
Dori Borgesson, DVM PhD DACVP
Washington State University College of Veterinary Medicine

1:30 PM - 3:00 PM
**Natural Disease Focus Scientific Session I**
Chairs: Pompei Bolfa, DVM DACVP | Simon L. Priestnall BSc VetPath (Hons) BVSc PhD FRCPath DACVP

- Advances in Comparative Bladder Cancer Research: Molecular Targets and Profiling in Dogs and Humans
  Deborah Knapp, DVM DACVIM (Oncology)
  Department of Veterinary Clinical Sciences Purdue University

1:30 PM - 3:30 PM
**ASVCP Case Review**
Chair: Lisa S. Kelly, DVM PhD DACVP

1:30 PM - 5:00 PM
**The Nuts and Bolts of Digital Pathology in Practice**
Chairs: Chandra Saravananan, DVM MS PhD DACVP | Candice P. Chu DACVP

In the past two decades, whole slide imaging (WSI) has shown promises in next generation pathology practice, including applications in education, research, and clinical practice. This session will focus on practical issues surrounding deployment of digital pathology, including integral hardware components of contemporary WSI devices, fundamentals of laboratory information system, and validation of digital pathology workflow. In addition, user experiences from three different groups (academics, diagnostics, and pharma/biotech) will be presented. This session is aimed at audience with entry level in digital pathology and may help them to set up and/or enhance digital pathology workflow in their organization.

- Overview of Whole Slide Imaging Devices and Their Applications in Modern Pathology Department
  Anil Parwani, MD
  The Ohio State University

- Laboratory Information System: Fundamentals and Support of Laboratory Operation
  Angela Doxsey, MS
  IDEXX Laboratories Inc

- Validation of Digital Microscopy: Review of Validation Methods and Sources of Bias
  Robert Klopfleisch, DACVP
  Universität Berlin

- Digital Pathology User Experiences in Diagnostics
  Sarah Johnson, DVM PhD DACVP
Zoetis Inc.

Digital Pathology User Experiences in Diagnostics
Yava Jones-Hall, DVM PhD DACVP
Texas A&M University College of Veterinary Medicine & Biomedical Sciences

Digital Pathology User Experiences in Diagnostics
Lindsay Tomlinson, DVM DVSc DACVP DABT
Pfizer

3:00 PM - 6:00 PM
Developing, Promoting, and Elevating Inclusivity: Accounts and Experiences From Different Institutions
Chairs: Sue Knoblaugh, DACVP | Jose G. Vilches-Moure, DACVP
Hear from panelists discussing successful measures to address diversity, equity, and inclusion within their veterinary pathology programs, then discuss issues with fellow participants. The session will conclude with time for socializing over light snacks and drinks.
Speakers: Rebekah Keesler, DVM DACVP | Flo Tseng DVM | Laura Peterson Gervaise | Sue Knoblaugh, DVM DACVP

3:45 PM - 5:15 PM
ASVCP Business Meeting
Chair: ASVCP President Austin K. Viall, DVM MS DACVP
*ASVCP members only

5:00 PM - 6:30 PM
Davis-Thompson Foundation Awards Reception

5:15 PM - 6:45 PM
ASVCP Reception
*ASVCP members only

6:00 PM - 8:00 PM
ACVP Speed Networking
Chair: Oded Foreman, DVM, DACVP
*Pre-registration required. Speed Networking offers veterinary pathology trainees access to mid-career pathologists in a relaxed, intimate atmosphere, via round-robin style brief interactions. Registration is limited to the first 20 Trainee and first 20 mid-career registrants.

7:00 PM - 8:00 PM
ASVCP Resident Meet and Greet
Chair: Cheryl Moller BSc BVMS MS DACVP
Clinical pathology residents: Have you always wanted to meet the pathologists you see authoring textbook chapters and posting on the listserv? Here's your chance to join a fun evening teaming up residents and boarded pathologists to play a game which will tests your wits and your luck. Come to play or to watch and laugh along. All are welcome.

7:00 PM - 9:00 PM
Comparative Pathology Mystery Slide Review
Chairs: Martha A. Delaney, DVM MS PhD DACVP | Jerrold Ward, DVM PhD DACVP FIATP
Join us for an exciting evening of truly mysterious comparative pathology cases representing a variety of diseases across species, including humans. Bring your curiosity, questions, comments, and best guesses for our stellar lineup of presenters.

7:00 PM - 10:00 PM
Cummings School Reception

8:00 PM - 10:00 PM
University of Georgia Alumni Reception

Tuesday, November 15
6:30 AM - 7:30 AM
Yoga: Slow Flow with Katherine and Pranayama/Breathing Meditation with David
Chairs: Katherine N. Gibson-Corley, DVM PhD DACVP | Julie Engiles, DACVP | Sue Knoblaugh, DACVP | David Rotstein, DVM MPVM DACVP
This slow yoga flow slows down the traditional flow, allowing for increased time in each pose and is appropriate for all levels! It will be followed by a Pranayama or breathing meditation.

8:00 AM - 12:00 PM
Clinical Pathology Focused Scientific Session II
Chair: Charlotte Hollinger, VMD MS DACVP
   CSF Cytology in Dogs and Cats
   Bill Vernau, BSc BVMS DVSc PhD DACVP
   UC Davis School of Veterinary Medicine

8:00 AM - 12:00 PM
Concurrent Session: Fungal and Mycotic Diseases
 Diagnostic Correlations Between Cytology and Histopathology for Fungal Identification: What Can One Diagnose on a Slide and What Are the Limitations?
 Shannon Dehghanpir, DVM MS DACVP
 Louisiana State University School of Veterinary Medicine

 Diagnostic Correlations Between Cytology and Histopathology for Fungal Identification: What Can One Diagnose on a Slide and What Are the Limitations?
 Aline Rodrigues-Hoffmann, MV MS PhD DACVP  Sheila Carrera-Justiz, DVM DACVIM (Neurology)
 University of Florida College of Veterinary Medicine

 Molecular Identification of Fungi in Formalin Fixed Paraffin Embedded Tissues and Stained Cytology Slides
 Aline Rodrigues-Hoffmann, MV MS PhD DACVP

 Fungal Infections in Animals: Species Diversity Concepts and Nomenclature
 Sybren de Hoog, PhD
 Radboud University Medical Center, Center of Expertise in Mycology

 Emerging Zoonotic Infections by Highly Contagious Multi-Resistant Fungi
 Sybren de Hoog, PhD
8:00 AM - 12:00 PM

**Concurrent Session: Pigs as a Translational Model**

Chairs: Kris Helke, DVM PhD DACVP | David K. Meyerholz, DVM MS PhD DACVP DACVM

The pig (Sus scrofa) is becoming a more frequently used species in clinical and biomedical research. Recently published studies on background lesions and standardized pathology nomenclature in pigs further highlight this emergence. This session will highlight the role of the pig in translational studies and present new opportunities for pathologists involved in translational and comparative medicine. Topics will include an overview, medical devices, xenotransplantation, common diseases of the pig as well as genetically modified porcine models.

- **All Pigs Are Not Created Equal: Species and Breed Differences**
  - Kris Helke, DVM PhD DACVP
  - Medical University of South Carolina

- **Common Nutritional and Infectious Diseases That Can Infiltrate Investigative Studies in Swine**
  - Eric Burrough, DVM PhD DACVP
  - Iowa State University

- **Swine Models to Study Genetic Diseases**
  - David Meyerholz, DVM MS PhD DACVP DACVM
  - University of Iowa Carver College of Medicine

- **Current Advances in Xenotransplantation: Swine Models for Transplantation Medicine**
  - Douglas Anderson, MD MS FACS

- **Pathology of Select Large Animal Models in Medical Device Research**
  - Nicole Kirchoff, DVM DACVP
  - Medtronic

12:15 PM - 1:15 PM

**ASVCP Education Forum: Clinical Pathology Training of Non-ACVP Residents**

Chair: Samantha J.M. Evans, DVM PhD DACVP

What should you do with those internal medicine, neurology, oncology, surgery, and other residents who rotate through your service? A panel of representatives from ACVIM, ACVS, and ACVP will discuss the clinical pathology training requirements of non-ACVP specialty certification programs, including what these specialty colleges hope their trainees are getting out of their required clinical pathology rotations. Results from a survey of the ASVCP listserv on this topic will be shared.

- Sheila Carrera-Justiz, DVM DACVIM (Neurology)
  - University of Florida College of Veterinary Medicine

- Eric Parente, DVM DACVS
  - University of Pennsylvania

12:15 PM - 1:15 PM

**One Paleopathology: An Interdisciplinary One Health Approach to Investigating Human & Animal Diseases of the Past**

Speaker: Kris Helke, DVM PhD DACVP

One Paleopathology applies the One Health perspective to diseases that afflicted humans and animals in the past. It integrates knowledge from multiple disciplines and thus generates the global perspective required to understand why diseases occurred when and where they did. This presentation will provide examples of how the One Paleopathology approach is being applied, emphasizing opportunities for veterinary pathologists.

- Elizabeth Uhl, DVM PhD DACVP
  - University of Georgia
1:30 PM - 5:00 PM  
One Pathology: Comparative Considerations in Disease Research  
Chairs: Heather W. Sheppard, DACVP | Ingrid L. Bergin, VMD MS DACLAM DACVP

- Comparative Pathology: A Conduit to Achieving the Potential of “One Health”
  Nicholas Crossland, DVM DACVP
  Boston University Dept of Pathology & Laboratory Medicine

- Pneumonia Biology as Studied in Mice: Immunology and Pathology Meeting in the Lung
  Joseph Mizgerd, ScD
  Boston University Dept of Medicine

- Leveraging Novel Models to Support Discovery Toxicology
  Bruce LeRoy, DVM PhD DACVP
  Abbvie

- Preventing Steroid-induced Osteonecrosis: From Animal Model to Clinical Trial
  Laura Janke, DVM PhD DACVP
  St Jude Children's Research Hospital Dept of Pathology Division of Comparative Pathology

- We Should be Friends: The Opportunities and Fun of Veterinarian-Physician Collaborative Relationships
  Kara Corps, DVM PhD DACVP
  The Ohio State University College of Veterinary Medicine Department of Veterinary Biosciences

- Canine Intracranial Neoplasia Through a Comparative Lens
  Andrew Miller, DVM DACVP
  Cornell University College of Veterinary Medicine Dept of Biomedical Sciences

1:30 PM - 5:00 PM  
Experimental Disease Focus Scientific Session  
Chair: Manu Sebastian, DACVP

- Translational Pathology in Drug Discovery: Trials Tribulations and Triumphs
  Dinesh Bangari, DVM PhD DACVP
  Sanofi

1:30 PM - 5:00 PM  
Natural Disease Focus Scientific Session II  
Chairs: Pompei Bolfa, DVM DACVP | Elena A. Demeter, DACVP

1:30 PM - 5:00 PM  
ASVCP Mystery Slide Case Review  
Chair: Lisa S. Kelly, DVM PhD DACVP

5:15 PM - 6:30 PM  
ACVP Awards and Recognition Event  
Chair: Kelli L. Boyd, DVM PhD DACVP

7:00 PM - 9:00 PM  
President’s Reception
Chair: Kelli L. Boyd, DVM PhD DACVP
Wrap up your Annual Meeting experience networking with other attendees and re-visiting winning scientific posters.