From the President

Krista La Perle, DVM, PhD, DACVP
2018 ACVP President

I have always been fascinated by teratomas! It started as a 2nd year veterinary student in Dr. Dick Dillman's General Pathology course at NCSU, learning about their diagnostic requirements of two or more germ cell layers. While in training at Ohio State, I necropsied countless p53 knockout mice with large testicular teratomas. It was then that I realized I could literally spend hours at the microscope hunting for the various tissue types, like the pathology version of “Where's Waldo?” Every once in a while, researchers working with stem cells in animal models will bring me random chunks of tissue for histopathologic documentation of cellular differentiation. Ah….the power of pluripotency!

As I anxiously await the final report from our Strategic Planning Task Force, my thoughts are drawn to the concept of pluripotency. You may recall that since December 2016, 10 fellow members representing anatomic and clinical pathology, academia, industry, and government have been fearlessly led by Drs. Page Bouchard and Gregg Dean through a strategic planning process facilitated by Denise Hinden of Managance Consulting & Coaching. A landscape assessment informed by member and external stakeholder surveys revealed that computer technology and molecular medicine are significant disruptive forces for the future of veterinary pathology. Not surprising, right? Although a safety feature, my Subaru’s Eyesight® Driver Assist Technology has a mind of its own and can be quite disruptive to my cruising speed!

continued on page 2

The Secretary/Treasurer’s Corner

Mark Ackermann, DVM, PhD, DACVP
ACVP Secretary/Treasurer

My tenure as Secretary/Treasurer of the ACVP ends in 2019 (next year), and it will end up being transformative to a degree. The transformation is not particularly due to any of my work, but instead, by the progress and success of the ACVP itself.

To explain, my first three years were intense with immense changes in the examination and many other aspects of the college that largely have been accomplished through the work of so many dedicated ACVP members and others. One of these was the formation of the Certifying Examination Board (CEB) and the sharp increase in activity by the Credentialing Committee (now part of the CEB). The CEB handles all of the examination now, and the Secretary/Treasurer’s examination-related activity occupied up to 75% of the Secretary/Treasurer position responsibility. Also, with Wendy Coe’s passing, I as Secretary/Treasurer worked more closely with the President and President-Elect, who now take on more activities than previously. So now, the Secretary/Treasurer position is changing.

I have created a new SOP for the Secretary/Treasurer position, which was reviewed by Council, and it certainly keeps me busy. But in addition, the Secretary/Treasurer position will also be examined by a task force that will consider the bigger picture of ACVP Governance. This task force will consider what has been and could be done by the Secretary/Treasurer in the broader context of the President, President-Elect, and Council. In my view the ACVP works well, but nothing is perfect and we could do things differently to be even better. If you have thoughts, feel free to let me or the task force know. This is also an important time to do this because the new Secretary/Treasurer will be elected this summer (2018), and it would be great to give this person a clear path forward to go full steam ahead!
For those of you who were unable to join us at the Town Hall during our Annual Meeting in Vancouver, Page gave an overview of the exciting strategic goals that we have set for 2018-2022:

1. Envision the future practice of veterinary pathology in the age of digital pathology, artificial intelligence, and advanced molecular tools.
2. Expand the impact and influence of veterinary pathologists in science and medicine.
3. Drive focused pioneering strategic collaborations.
4. Become a collaborative research engine as a new fourth pillar of ACVP's mission.

At our April face-to-face meeting in Chicago, Council, together with Page and Gregg, as well as a few content experts, will engage in a day of facilitated action planning. Shortly thereafter, we will be sharing the complete strategic plan with you and our stakeholders, and charging committees and new task forces for the business that lies ahead. As we envision our future in this transformative new era, the influence will extend to our training programs, our certifying exam, our journal, our annual meeting, the lifelong learning and development of our members, and relationships with new and existing collaborative partners.

What are you passionate about? Hop on and join us on the ride!

In the interim, we want to hear from those of YOU who have already begun to embrace computer technology and/or molecular medicine in teaching, service, and research. Are you applying digital microscopy to innovate teaching in histology and pathology courses for veterinary students and residents? Have you implemented a telecytology/pathology service? How have you introduced digital pathology, quantitative image analysis, molecular datasets, or bioinformatics to the workflow for your diagnostic service or research? Drop me a line (laperle.1@osu.edu)...I'd love to share some vignettes with the membership so everyone can embrace the power of the pathologist's pluripotency!

Artificial intelligence. Machine learning. Deep learning. It seems a new buzzword pops up daily. If you need a primer, you might consider starting with:

- [https://deeplearning4j.org/ai-machinelearning-deeplearning](https://deeplearning4j.org/ai-machinelearning-deeplearning)
- **Robot-Proof: Higher Education in the Age of Artificial Intelligence** by Joseph E. Aoun
- **How AI Can Bring on a Second Industrial Revolution**, Ted Talk by Kevin Kelly

The intelligence demonstrated by devices to mimic human decision-making processes may be achieved through machine learning as well as rule-based systems. Upon feeding computer systems lots of data—audio, video, images, speech, text—deep neural networks are developed so computers can make decisions about other data they are subsequently fed.

Pattern recognition in radiology and pathology is prime for machine learning. Be not afraid! What we as pathologists do with the pattern after it’s recognized is what positions pathology on the trunk of the tree of medicine! We draw from all basic sciences to dissect mechanisms of disease and integrate findings throughout the entire biologic system—whether zebrafish, rodent, faithful canine companion, dairy cow, racehorse, or cheetah—to diagnose, treat, and prevent disease. We are not defined or restricted by our microscopes because pathologists are pluripotent! What if patterns can be recognized and cutting-edge molecular data can be funneled to the pathologist more quickly? Imagine how fun the problem solving becomes on this elevated level, working as a team with the machine!
More than 40 meeting attendees and their family members volunteered their time and effort to assemble 1,000 hygiene kits during our sixth annual ACVP Community Outreach Activity (CO-Act).

It was great to see people working together for such a good cause. Volunteers successfully assembled 1,000 kits in one to two hours, leaving plenty of time to explore Vancouver for the remainder of the free afternoon.

Completed hygiene kits were collected and distributed to First United (https://firstunited.ca/housing-and-shelter/), an organization that provides housing, shelter, meals, and hospitality to those in need within the Vancouver area.

Please consider joining us and/or donating for next year’s CO-Act event in Washington, DC. All are welcome to attend this fun charitable and networking event.

**Mission:**

The American College of Veterinary Pathologists fosters excellence in veterinary pathology to protect and improve animal, human, and environmental health to benefit society.

**Vision:**

To be an innovative and integral contributor to global health solutions by understanding disease.
Brian Berridge Set to Manage National Toxicology Program

Jan 15, 2018 | Original story from National Institutes of Health (NIH)

Brian Berridge, DVM, PhD, DACVP, is the new associate director of the National Toxicology Program. Credit: NIEHS

The National Toxicology Program (NTP) has named Brian Berridge, DVM, PhD, as its new Associate Director. Berridge, formerly of GlaxoSmithKline, will oversee day-to-day operations as NTP coordinates toxicology research and testing across nine different federal agencies, including the National Institutes of Health, the US Food and Drug Administration, and the Centers for Disease Control and Prevention. Berridge is replacing John Bucher, PhD, who has served as Associate Director since 2007 and plans to continue with NTP as a senior scientist.

Berridge will take over guidance of NTP products like the congressionally mandated Report on Carcinogens, which currently lists 248 cancer-causing agents, and scientific literature reviews on topics like fluoride that are nominated to NTP by other agencies or the public. He will also help oversee toxicological studies on topics such as chemical spills and cell phones. Since 1978, NTP has evaluated more than 2,800 chemicals and other agents for a variety of health-related effects, like contributing to cancer or being toxic to reproductive, immune, or nervous systems. NTP is headquartered at the National Institute of Environmental Health Sciences (NIEHS), part of NIH.

“We are thrilled that Dr. Berridge is bringing his expertise to environmental health, including experience with both traditional and novel toxicological methods,” said Linda Birnbaum, PhD, who has been the director of NTP since 2009, while directing NIEHS. “We are also deeply appreciative of Dr. Bucher’s exemplary leadership for the past decade.”

Berridge, a veterinary pathologist with expertise in cardiovascular toxicology, came to NTP after spending five years directing worldwide animal research strategy at GlaxoSmithKline. In this role, he led efforts to improve animal and non-animal testing for pharmaceutical effectiveness and safety.

Berridge will now help NTP select optimal ways to determine the safety of chemical compounds in the environment. As a member of the Scientific Advisory Committee on Alternative Toxicological Methods, he has already been advising NTP in this capacity since 2015. Berridge is an advocate for alternative toxicological methods that decrease dependence on animal studies, while also optimizing the animal studies that are conducted to make sure they ultimately provide the most human-relevant information.

For example, Berridge brings NTP expertise in an alternative toxicological testing method called tissue chips. Tissue chips are devices designed to simulate the structure and function of human organs like the heart, lung, and liver, which can be used to test both drugs and environmental pollutants for toxicity. Berridge recently led a collaboration between pharmaceutical industry colleagues and the National Center for Advancing Translational Sciences, also part of NIH, as they planned the development and dissemination of tissue chips.

Looking forward, Berridge sees the challenge of toxicology as connecting the vast amounts of detailed data being generated at the cellular and molecular level with growing knowledge of diseases and conditions observed by pathologists and toxicologists.

“There is a bridge to be built there. I want to help NTP take the detailed mechanistic data generated by methods like high-throughput toxicity screening and understand what that means to a patient, a person, a population,” he said.

Berridge is a veteran of the US Air Force and completed his undergraduate studies at the University of Arkansas. He holds a Doctor of Veterinary Medicine degree from Oklahoma State University, and completed his PhD and residency in pathology in the Department of Veterinary Pathobiology at Texas A&M University. He is also a Diplomate of the American College of Veterinary Pathologists.

This article has been republished from materials provided by National Institutes of Health. Note: Material may have been edited for length and content. For further information, please contact the cited source.

Susan Tornquist, DVM, PhD, DACVP Named to Association of American Veterinary Medical Colleges Board

Susan Tornquist, Lois Bates Acheson Dean of the College of Veterinary Medicine at Oregon State University in Corvallis, recently was named to the board of directors of the Association of American Veterinary Medical Colleges.

She is the at-large director for Region 1 in the United States.

Tornquist received a Doctor of Veterinary Medicine degree from Colorado State University in 1985 and spent six years working in a small animal private practice in Albuquerque, New Mexico. She completed a clinical pathology residency and doctoral degree at Washington State University and was board certified by the American College of Veterinary Pathology (Clinical Pathology) in 1994.

Tornquist joined the faculty at the OSU College of Veterinary Medicine in 1996 as an assistant professor of clinical pathology and head of the clinical pathology laboratory. She is a professor of clinical pathology. Tornquist was appointed associate dean of Student and Academic Affairs at OSU in 2005, became interim dean in October 2013 and was named permanent dean in April 2016.

Her research has focused on comparative hematology and cytology, infectious diseases and metabolic diseases.

source: Corvallis Gazette Times 2/26/18
Far from a dream
Alejandro is a dreamer. And he’s a DREAMer. He's one of roughly 1.8 million immigrants in the United States who were brought to the United States as children.

In his case, he was born in Guadalajara, Mexico. When he was a child, his family moved to Hawaii where his father did construction work. A year later the family moved to southern California. "I wasn’t a good student back then," he remembered. "I didn’t pass kindergarten – I mean, who doesn’t pass kindergarten?"

He was a troublemaker. "I loved being a troublemaker." He was so bad in school that in the fifth grade the only way he could attend class was if his mother came to school with him. "It was embarrassing to show up in school with your mom," he said. Even that didn’t help.

Alejandro says he didn’t care if he graduated high school or not. And it looked like he wouldn’t. "It wasn’t until two or three days before graduation that I found out that I was graduating."

Even though he was the first in his immediate family to receive his high school diploma, he had no interest in education. While he was in high school, he learned he was undocumented. He couldn’t get a driver’s license or work. But it’s not like his family didn’t try to help.

When Alejandro entered the ninth grade, his father petitioned for permanent residency on his behalf. Four years later U.S. Immigration Services still hadn’t gotten to the application.

Where to go next?
Community college was Alejandro’s only option. "I scored so low in my placement test that it was like I didn't have any knowledge at all," he said. "In my first math class, I was literally adding numbers. I had to learn how to write sentences in English and take reading classes. I started from the bottom. It took me four years in community college to get to a high school level."

Then there was the cost. At $200 a credit hour, it was also out of his price range.

"I almost gave up. I was so far behind everyone else. I thought, 'Why am I doing this?' My family couldn’t relate and I was paying so much money for the classes."

That’s when the village started developing for Alejandro.

At Fullerton Community College, a couple of mentors gave him the confidence he needed to succeed. One was Karen Nguyen, a counselor at the school. As a refugee from Vietnam, Nguyen shared a common bond with the young DREAMer.

Nguyen served not only as a mentor but a role model, something Alejandro hadn’t experienced before. "I had no role models as a kid. I grew up in a really bad neighborhood and aspiring to be something more was difficult," he said. "But after community college I had the confidence I could do this."

Barriers along the way
Alejandro had given up on his dream of becoming a permanent resident. As he prepared to graduate from community college, he started looking toward a four-year school.

But an obstacle continued to stand in his way. He was still going through the immigration process, but he had gotten too old for the program his father signed up for. So, at age 21, he started all over again.

He still couldn’t legally work. He couldn’t drive. And more importantly for someone seeking additional education, he wasn’t eligible for federal or state financial aid.

Eventually, he went to California Polytechnic State University. "That’s where I found out I was a good student – that I could go far beyond college," he said.

It was also where he found a love for veterinary medicine, and pathology in particular. "I wanted to help both animals and people, and I loved science, but vet school was another four years."

Finding a home in Ames
There were two reasons Alejandro decided to attend Iowa State University’s College of Veterinary Medicine. First, he researched the nation’s top programs for veterinary pathology and Iowa State came to the forefront. Second, he got a scholarship.

He squeaked by his first year financially, with help from his father. But then the college determined he couldn’t receive the scholarship because of his immigration status. He had no money for tuition. No money for living expenses.

That’s when the Ames and Iowa State communities stepped in. “There are so many good faculty members here that were instrumental in my staying in school,” Alejandro said. “Jesse Goff (professor of biomedical sciences) not only let me stay at his house for a while, he let me eat his food.”

An anonymous individual paid for a semester of his tuition. He was part of the school’s Summer Scholar Program. The Collegiate United Methodist Church in Ames supported him, allowing him to live in a church-owned house in exchange for doing chores for the church. It indeed took a village.

Even with a village to help him, it was touch and go throughout his four years as a DVM student.

“They accepted me with open arms,” he said. “So many people helped me stay in school. But each semester I wondered how I could come up with the necessary funds.”

In his third year, he felt he had reached the end of the line. He was walking out of the vet school building heading to the bus stop with a one-way ticket back to California when he ran across then-Dean Lisa K. Nolan.

“Dr. Nolan asked how it was going and I told her I was going back home,” he remembers. “She told me not to leave, that she would look into the situation, and somehow she made it happen, allowing me to continue. If I hadn’t run into her that day I wouldn’t be here now. Dr. Nolan and her efforts are a big part of why I am a veterinarian.”

The DREAMer’s dream comes true
Alejandro stayed and completed his DVM. Still an undocumented resident, he couldn’t work. With the help of Dr. Nolan and Dr. Joseph S. Haynes, a PhD/pathology residency position allowed him to continue his education.

In 2012, the Deferred Action for Childhood Arrivals (DACA) program was created for individuals like Alejandro who entered the country as minors. Finally, in August 2017, Larios Mora received his permanent residency. He got a driver’s license. He can work legally now and he is seeking positions in toxicological pathology after graduating with his PhD in December 2017.

He is a board-certified pathologist who passed the board exam on his first try. Alejandro’s main research interests are immunology, pathology, clinical signs, and sickness behavior of human respiratory syncytial virus (RSV) in a neonatal lamb model. “It has given me the opportunity to work closely with biopharmaceutical companies in the United States and Europe to test several innovative therapeutic compounds against RSV. Two of the tested drugs are currently in human clinical trials.”

This article was edited from a story that David Gieseke wrote about Alejandro. It includes new information from an interview conducted by ACVP in late December and edited for space and style.
Guidelines on the Identification of Board Certified Veterinary Pathologists

The Council of the American College of Veterinary Pathologists has affirmed the policy statement of the American Board of Veterinary Specialists with respect to titles of veterinary specialists and set forth in the ABVS Policies and Procedures Manual. These guidelines are also found in the 2004 AVMA Directory on page 97: “To identify one’s diplomate status accurately and responsibly, it is important that board-certified veterinarians use very specific wording. Each recognized specialty college or board is encouraged to provide specific guidance to its members regarding the correct wording for its organization.

“Use of the term ‘board eligible’ or ‘board qualified’ as an indication of special qualification is potentially misleading to the public and should not be used in any public communication or other solicitation.”

The term “Veterinary Pathologist” is not unambiguously clear in its designation of diplomate status. This term is occasionally used by individuals who are not board certified by the ACVP and can be confusing to the public.

The Council of the ACVP recommends the following:
- Diplomate, American College of Veterinary Pathologists (Anatomic Pathology)
- Diplomate, American College of Veterinary Pathologists (Clinical Pathology)

It is appropriate to use the acronym to identify specialty college affiliation in the authorship line of scientific publications such as “DACVP (Anatomic Pathology)” or “DACVP (Clinical Pathology).” Acronyms should NOT be used in publications for the general public because they are not likely understood. The ACVP does not recognize or grant any special status to the term “board eligible.”

As published in the June 2004 ACVP Newsletter

A Message from Erin Brannick, DVM, MS, DACVP, 2018 Program Chair

Why Do We Always Ask You to Stay at the Host Hotel for the ACVP Annual Meeting?

The ACVP staff and Council take their role of site selection for the Annual Meeting very seriously. They look at a number of cities, and consider needs of members as well as the amount and size of meeting spaces for the scientific sessions. The result of their search is a comfortable venue with quality service and support for concurrent sessions, plenary sessions, poster sessions, and social events.

For that service and support, ACVP must guarantee a percentage of attendees will stay in the hotel. By making this commitment, ACVP obtains discounted rates on costly meeting room rental fees, catering, and other services, and can offer lower registration rates for the Annual Meeting.

To attract attendees, the hotel generally offers a room rate that is discounted from its normal room rate at that time of year. These room rates are negotiated between the ACVP staff and the hotel, based on the number of expected attendees and the meeting space required to comfortably accommodate everyone. The contract guarantees that specific numbers of sleeping rooms will be purchased each night by attendees. This complex negotiation of session room space, social events, and sleeping rooms provides the most value per dollar for the Annual Meeting and attendees.

If ACVP does not meet the contracted sleeping room commitment, it has to pay for those rooms anyway. This penalty of paying for unfilled rooms can cost thousands of dollars. And without a history of filling the sleeping rooms, the next hotel does not offer as favorable an agreement, which can result in increased registration fees.

And there are other reasons to consider…

There are always conference attendees in the lobby and public spaces, so it’s much easier to network at the conference hotel. In the morning, it’s a quick trip to the meeting rooms, and later in the day it’s just as quick to stop back to your room for a break.

Staying at the host hotel gives you a better experience and helps keep registration rates low. So…please support the Annual Meeting by staying at the conference hotel!

Registration for the 2018 Annual Meeting will open in August. See the Preliminary Program, Call for Abstracts, and Award Application announcement in the pages following.
William B. Coleman, PhD
Appointed Executive Officer of the American Society for Investigative Pathology

Dr. William B. Coleman, currently Professor in the Department of Pathology and Laboratory Medicine at the University of North Carolina School of Medicine (Chapel Hill, NC), has been selected as the next Executive Officer of the American Society for Investigative Pathology (ASIP) and will succeed Dr. Mark E. Sobel on February 1, 2018. Dr. Sobel stated: “I congratulate the ASIP Council on making an excellent selection for my successor and wish Bill great success for the next phase of his illustrious career.”

Dr. Coleman received his BS *magna cum laude* from Wingate College in 1986 and his PhD in Biochemistry from the Bowman Gray School of Medicine/Wake Forest University in 1990 under the mentorship of Dr. Carol C. Cunningham. Dr. Coleman was a postdoctoral fellow in the Department of Pathology and Laboratory Medicine at the University of North Carolina working in the laboratory of Dr. Joe W. Grisham from 1990 to 1995 and subsequently joined the faculty in that department. In addition to being a Professor in the Department of Pathology and Laboratory Medicine, Dr. Coleman holds faculty appointments in the Curriculum in Toxicology and the Cancer Biology Training Program, is a member of the UNC Lineberger Comprehensive Cancer Center, and is Director of the UNC Program in Translational Medicine.

Dr. Coleman is recognized as one of the leading researchers in the fields of liver and breast carcinogenesis. He has been the recipient of numerous institutional grant awards, and funding from the Susan G. Komen Breast Cancer Foundation, the National Cancer Institute, and Friends for an Earlier Breast Cancer Test (Earlier.org). The work from his laboratory has resulted in more than 135 peer-reviewed papers, book chapters, and reviews. In addition, Dr. Coleman is co-author or co-editor of nine text books on topics related to molecular pathology, and is co-editor of a book series on molecular and translational medicine.

Dr. Coleman has received many honors, including the ASIP Outstanding Investigator Award (2013) and the Blue Faery Award for Excellence in Liver Cancer Research (2011). At UNC, Dr. Coleman is a four-time recipient of the Joe W. Grisham Award for Excellence in Graduate Student Teaching (2000, 2002, 2009, 2012) and recipient of the Faculty Merit Award for Outstanding Teaching and Mentoring (2016).

Dr. J. Charles Jennette, Chair of the Department of Pathology and Laboratory Medicine at the University of North Carolina, describes Dr. Coleman as “an accomplished cancer researcher who is elucidating previously unrecognized mechanisms for epigenetic regulation of normal and abnormal gene expression.” In addition, “to a much greater extent than most other accomplished investigators,” Dr. Jennette commends Dr. Coleman as making “the extra effort to be a major player in local and national educational efforts, and to make sustained major contributions to societies that advance basic biomedical research, especially the ASIP.”

Dr. Coleman has been a member of the ASIP for more than 20 years, and his contributions to the Society include service as Program Committee Chair (2002-2004), Councilor (2004-2007), Secretary-Treasurer (2007-2013), and President (2015-2016), as well as participation in many committees. Dr. Coleman will be the third Executive Officer in the history of the organization who is a former President.

*Note: ACVP is a member of ASIP*

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**Annual Meeting 2020 Schedule Change**

At its February meeting, ACVP Council accepted a recommendation by the Annual Meeting Task Force, also supported by members, to shorten the Annual Meeting from five days to four days in length. The recommendation involves the removal of the Monday afternoon without educational programming, and post-meeting workshops. This change will take effect for the 2020 Annual Meeting, October 31-November 4, 2020, in Chicago. Feedback from members will continue to be sought following implementation of the change.
# American College of Veterinary Pathologists™ and American Society for Veterinary Clinical Pathology
## PRELIMINARY PROGRAM (subject to change)

### Friday, November 2, 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>6:00 p.m.-8:00 p.m.</td>
<td>Registration Open</td>
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### Saturday, November 3, 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 a.m.-7:30 p.m.</td>
<td>Registration and Information Desk</td>
</tr>
<tr>
<td>8:00 a.m.-5:00 p.m.</td>
<td>ASVCP Pre-Meeting Workshop: Clinical Pathology of Exotics</td>
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<tr>
<td>8:00 a.m.-5:00 p.m.</td>
<td>C.L. Davis-Thompson Foundation Pre-Meeting Workshop</td>
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<tr>
<td>8:00 a.m.-5:00 p.m.</td>
<td>Pre-Meeting Workshop</td>
</tr>
<tr>
<td>7:30 p.m.-9:00 p.m.</td>
<td>Opening Reception and Veterinary Student Poster Session</td>
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### Sunday, November 4, 2018

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 a.m.-5:00 p.m.</td>
<td>Registration and Information Desk</td>
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<tr>
<td>8:00 a.m.-12:00 noon</td>
<td>ASVCP Current Topics in Clinical Pathology: Clinical Immunology</td>
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<tr>
<td>8:00 a.m.-12:00 noon</td>
<td>ASVCP Veterinary Laboratory Professionals Session I</td>
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<tr>
<td>8:00 a.m.-12:00 noon</td>
<td>Career Development: Fighting Fatigue</td>
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<tr>
<td>8:00 a.m.-12:00 noon</td>
<td>Concurrent Session I: Pathology Beyond Borders: Global Engagement</td>
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### PRELIMINARY PROGRAM (subject to change)

#### Monday, November 5, 2018

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:30 a.m.-1:00 p.m.</td>
<td>Registration and Information Desk</td>
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<tr>
<td>8:00 a.m.-12:00 noon</td>
<td>ACVP/ASVCP Plenary Session: Artificial Organs: Digital and Synthetic Tissue Modeling</td>
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<tr>
<td>8:00 a.m.-12:00 noon</td>
<td>ASVCP Veterinary Laboratory Professionals Session III</td>
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<tr>
<td>9:00 a.m.-1:00 p.m.</td>
<td>Focused Scientific Poster Session</td>
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<tr>
<td>12:15 p.m.-1:15 p.m.</td>
<td><em>Veterinary Pathology Journal</em> Editors Present</td>
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<tr>
<td>12:15 p.m.-1:45 p.m.</td>
<td>Latin Comparative Pathology Group Presents</td>
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<tr>
<td>1:30 p.m.-3:30 p.m.</td>
<td>ASVCP Case Discussion Session</td>
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<tr>
<td>3:45 p.m.-5:15 p.m.</td>
<td>ASVCP Education Forum for Discussion</td>
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<tr>
<td>5:15 p.m.-6:45 p.m.</td>
<td>ASVCP Reception</td>
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<tr>
<td>7:00 p.m.-9:00 p.m.</td>
<td>Mystery Slide Review Session: Muscle Pathology</td>
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#### Tuesday, November 6, 2018

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<th>Event</th>
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<td>7:30 a.m.-5:00 p.m.</td>
<td>Registration and Information Desk</td>
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<tr>
<td>8:00 a.m.-12:00 noon</td>
<td>Concurrent Session II: Before and After: Muscle and Meat Pathology</td>
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<tr>
<td>8:00 a.m.-12:00 noon</td>
<td>Concurrent Session III: Diseases and Disorders Associated with Natural and Manmade Disasters</td>
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<tr>
<td>8:00 a.m.-12:00 noon</td>
<td>Clinical Pathology Focused Scientific Session II</td>
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<tr>
<td>8:00 a.m.-12:00 noon</td>
<td>Education Focused Scientific Session</td>
</tr>
<tr>
<td>9:30 a.m.-3:30 p.m.</td>
<td>Focused Scientific Poster Session</td>
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<tr>
<td>12:15 p.m.-1:15 p.m.</td>
<td>Presidential Pathology</td>
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<tr>
<td>12:15 p.m.-1:15 p.m.</td>
<td>Certifying Exam Board Presentation</td>
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#### Wednesday, November 7, 2018

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<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>1:30 p.m.-5:00 p.m.</td>
<td>ASVCP Mystery Slide Case Session</td>
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<tr>
<td>1:30 p.m.-5:00 p.m.</td>
<td>Mini-Symposium I: Snap Decisions: Intraoperative Diagnosis</td>
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<tr>
<td>1:30 p.m.-5:00 p.m.</td>
<td>Diagnostic Pathology Focused Scientific Session II</td>
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<tr>
<td>1:30 p.m.-5:00 p.m.</td>
<td>Experimental Disease Focused Scientific Session II</td>
</tr>
<tr>
<td>1:30 p.m.-5:00 p.m.</td>
<td>Industrial and Toxicologic Pathology Focused Scientific Session II</td>
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<tr>
<td>5:15 p.m.-6:45 p.m.</td>
<td>ACVP Awards and Recognition Event</td>
</tr>
<tr>
<td>7:00 p.m.-9:30 p.m.</td>
<td>ACVP President's Reception</td>
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<tr>
<td>8:00 a.m.-1:00 p.m.</td>
<td>Registration and Information Desk</td>
</tr>
<tr>
<td>8:00 a.m.-12:00 noon</td>
<td>Concurrent Session IV: Viral Inclusions and Confusions</td>
</tr>
<tr>
<td>8:00 a.m.-12:00 noon</td>
<td>Concurrent Session V: Comparative Pathology</td>
</tr>
<tr>
<td>8:00 a.m.-12:00 noon</td>
<td>Mini-Symposium II: Shock and Awe: Hemodynamics and Vascular Disturbances</td>
</tr>
<tr>
<td>8:00 a.m.-12:00 noon</td>
<td>Wednesday Slide Conference Live!</td>
</tr>
<tr>
<td>8:00 a.m.-12:00 noon</td>
<td>ACVP Young Investigator Award Poster Session</td>
</tr>
<tr>
<td>1:00 p.m.-5:00 p.m.</td>
<td>Post-Meeting Workshop I: Digital Pathology</td>
</tr>
<tr>
<td>1:00 p.m.-5:00 p.m.</td>
<td>Post-Meeting Workshop II</td>
</tr>
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ACVP Newsletter • March 2018

ACVP President's Reception
Award Applications for the 2018 Annual Meeting

Consider applying for an award when submitting your abstract for the 2018 Annual Meeting! The Call for Abstracts deadline is **July 2, 2018**. Mark your calendars!

ACVP and ASVCP will accept abstracts for poster presentations and oral presentations in the following categories:

- Clinical Pathology
- Diagnostic Pathology
- Education
- Experimental Disease
- Industrial and Toxicologic Pathology
- Natural Disease

ACVP and ASVCP offer several awards through submission of an abstract:

- ACVP/American Association of Veterinary Laboratory Diagnosticians (AAVLD) Diagnostic Pathology Travel Award
- ACVP Graduate Student/Resident Travel Award
- ACVP Young Investigator Award
- ASVCP Share the Future Research and Travel Grants
- ASVCP Young Investigator Award
- Latin Comparative Pathology Group Award
- Society for Toxicologic Pathology (STP) Resident and Student Poster Award

For more information about eligibility requirements, visit www.acvp.org.

Plan to submit your research for presentation at the 2018 Annual Meeting scheduled for November 3-7 in Washington, DC!

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2018 ACVP-ASIP Symposium

The 2018 ACVP-ASIP Symposium will be held April 24, 2018, in San Diego, CA, concurrent with Experimental Biology 2018. This year the symposium topic is “Vector-Borne Diseases: Bridging Scale” and is co-chaired by A. Sally Davis, DVM, PhD, Assistant Professor of Experimental Pathology, Department of Diagnostic Medicine and Pathobiology, College of Veterinary Medicine, Kansas State University; and Nicole Gottdenker, DVM, PhD, DACVP, Associate Professor, Department of Pathology, University of Georgia College of Veterinary Medicine.

We will take a hierarchical approach to the study of vector borne diseases. Starting first with pathogenesis and host response to a representative vector borne virus (within the host), we will move on to an examination of virus-vector-host interactions (host-vector interface), then on to considerations of the role of the wider ecosystem in vector borne disease transmission at the local and regional level. Finally, we will analyze impact of global changes on vector borne disease ecology.

Four speakers are planned:

- Lieza Odendaal, BVSc, BVSc (Hons), MSc (Vet Sc), Lecturer, Department of Paraclinical Sciences, Veterinary Faculty, University of Pretoria, South Africa, who is currently completing a PhD in Rift Valley fever virus pathogenesis research at the University of Pretoria, will present “Host Response to Rift Valley Fever.”
- Barbara Drolet, PhD, Research Microbiologist at the Arthropod Borne Animal Disease Research Unit, Agricultural Research Service, USDA, Manhattan, KS, will present “Virus-Vector-Host Interactions in Vector-Borne Diseases.”
- Nicole Gottdenker, DVM, PhD, DACVP, Associate Professor, Department of Pathology, University of Georgia College of Veterinary Medicine, will present “Chagas Disease Transmission in Fragmented Forest Landscapes.”
- Courtney Murdock, PhD, Assistant Professor with a joint appointment in the Odum School of Ecology and the Infectious Disease Department, University of Georgia College of Veterinary Medicine, will close with “Experimental Approaches to Studying Impacts of Global Climate Change on Mosquito-Borne Disease Transmission.”

We look forward to an exciting session attended by a wide diversity of pathologists and other interested Experimental Biology attendees. EB draws 14,000 scientists to its annual meeting of five host and 25 guest societies: [http://experimentalbiology.org/2018/Home.aspx](http://experimentalbiology.org/2018/Home.aspx). We hope to see you there!
2018 ACVP & ASVCP Call for Abstracts

Submission Deadline: July 2, 2018

Mark Your Calendar and Join us in Washington, DC for the 69th Annual Meeting of the ACVP and the 53rd Annual Meeting of the ASVCP!

Whether you are new to the field of veterinary pathology or an experienced veteran, you will enjoy the diverse and exciting program being offered at this year’s meeting. Highlighted topics include:

**Pre-Meeting Workshops**
- ACVP Pre-Meeting Workshop
- ASVCP Pre-Meeting Workshop
- C.L. Davis Foundation Pre-Meeting Workshop

**ACVP/ASVCP Joint Plenary Session**
- Artificial Organs: Digital and Synthetic Tissue Modeling

**ASVCP Education Symposium**

**Concurrent Sessions**
- Pathology Beyond Borders: Global Engagement
- Before and After: Muscle and Meat Pathology
- Diseases and Disorders Associated with Natural and Manmade Disasters
- Viral Inclusions and Confusions
- Comparative Pathology

**Mini-Symposia**
- Shock and Awe: Hemodynamic and Vascular Disturbances
- Leadership Development

**Career Development**
- Fighting Fatigue

**ASVCP**
- Case Discussion Session
- Mystery Slide Case Session
- Education Forum for Discussion
- Veterinary Laboratory Professionals

**Focused Scientific Sessions**
- Clinical Pathology
- Diagnostic Pathology
- Education
- Experimental Disease
- Industrial and Toxicologic Pathology
- Natural Disease

**Mystery Slide Review Session**
- Muscle Pathology
- Neuropathology
Upcoming Events

Experimental Biology
4/21/2018-4/25/2018
Location: San Diego, California, USA

ASIP at Experimental Biology
4/21/2018-4/25/2018
Location: San Diego, California, USA

STP 37th Annual Symposium
6/16/2018-6/21/2018
Location: Indianapolis, Indiana, USA

British Society of Veterinary Pathology
6/16/2018
Location: Birmingham, England
http://www.bsvp.org/

37th Conference on Pediatric Disease
8/6/2018-8/10/2018
Location: Aspen, Colorado

Health and Colony Management of Laboratory Fish Short Course
8/12/2018-8/17/2018
Location: Bar Harbor, Maine, USA

2018 Western Conference of Veterinary Diagnostic Pathologists (WCVDP)
9/7/2018-9/8/2018
Location: Newport, Oregon, USA

BSVP Annual Meeting 2018
9/28/2018-9/29/2018
Location: Surrey, England
http://www.bsvp.org

17th International Conference on Pathology & Cancer Epidemiology
10/8/2018-10/9/2018
Location: Edinburgh, Scotland
https://pathology.euroscicon.com/

2018 ACVP/ASVCP Concurrent Annual Meeting
11/3/2018-11/7/2018
Marriott Wardman Park Hotel, Washington, DC, USA
www.acvp.org