69th AALAS National Meeting
In every issue

President’s Message 3
Calendar of Events 3
In the News 9
Facility News 11, 12
Amazing Science 14
Puzzle Zone 15, 22
Two Thumbs Up 17
TBR Corner 18, 25

In this issue

69th AALAS National Mtg 5
AppAALAS Meeting 21-22

Membership

Individual Membership 19
Commercial Membership 20
President’s Message

Dear Appalachian Branch Members,

If you were not able to make it to our Summer meeting held at Lincoln Memorial University’s DeBusk Veterinary Teaching Center, you certainly missed out on a fun-filled, information-packed meeting. Lecture topics included simulation-based training models for veterinary medicine, their effectiveness, how to make them, developing veterinary training technologies, managing hyperthermia in anesthetized animals and research roles in studying retinoblastoma in a rabbit model. It was quite an exciting time and I think that we all enjoyed seeing the ingenuity that goes into creating new training models for veterinary medical education.

If you have been looking to become more active in the Appalachian Branch AALAS, now is the time! After many years in the role, our secretary and our friend, Mrs. Dana Gray has decided to step down from her role. You can nominate yourself or another individual. Please just send any of the officers an email and we can get you on the nomination board. And nominations for Purina Prolab Award, Animal Technician/Research Technician of the Year Award, and the Merit Award are due soon (October 31). Please nominate and recognize those outstanding individuals that are present at your facility!

Don’t forget the National AALAS meeting is coming up October 28 – November 1, 2018. Come see the innovations and technical advancements in our world of laboratory animal medicine. The Exhibit Hall is always a fun place to see the latest products and services offered by our vendor friends. Topics this year range from gnotobiotic facility operation, geriatric mouse medicine, acupuncture as well as many different animal welfare talks. It is always a learning experience.

Also, did you know that we will be the host branch for the AALAS National Meeting in 2024?? That’s right, National AALAS will be held in Nashville Tennessee. I am sure more information will be forthcoming on this one. So, please be on the lookout for it.

Sincerely,

Ken Salleng, DVM, CPIA, DACLAM
Appalachian Branch President

Calendar of Events

October 2018

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<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>Columbus Day</td>
</tr>
<tr>
<td>28-11/1</td>
<td>National AALAS Meeting</td>
</tr>
<tr>
<td>31</td>
<td>Halloween</td>
</tr>
</tbody>
</table>

November 2018

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>Veteran’s Day</td>
</tr>
<tr>
<td>22</td>
<td>Thanksgiving</td>
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</tbody>
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December 2018

<table>
<thead>
<tr>
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<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
<td>Christmas Eve</td>
</tr>
<tr>
<td>25</td>
<td>Christmas Day, Hanukkah</td>
</tr>
<tr>
<td>31</td>
<td>New Year’s Eve</td>
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Appalachian Branch American Association for Laboratory Animal Science  www.appaalas.org  3
INTRODUCING

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Each fall since 1950, the American Association for Laboratory Animal Science has held its annual National Meeting. During the five days of the meeting, members and nonmembers come together to enjoy the workshops, lectures, poster sessions, and exhibits. The program is designed to have topics relevant to the entire membership. Exhibitors have an opportunity to interact with AALAS members from the academic community, research institutions, government organizations, and commercial companies. The AALAS National Meeting is the largest gathering in the world of professionals concerned with the production, care, and use of laboratory animals.

Education Sessions @ AALAS National Meeting

The National Meeting educational program includes six different presentation types:

**Seminars** are lecture-style educational sessions, usually two hours and fifteen minutes long, which address a single subject. These sessions generally have a seminar leader and several speakers; this format allows for discussion among the speakers and the audience.

**Platform sessions** revolve around a unified theme, but feature 15-minute presentations by a succession of speakers, each developing a different aspect of the overall theme. They typically run for a total of 2 hours and 45 minutes.

**Workshops** are "hands-on" sessions, usually running for a half-day. Enrollment for workshops is limited by the size of the facility. There is an extra charge for each workshop, and separate registration is required.

**Panel discussions** use the leader-panel format, with (usually) a single leader acting as the coordinator for a panel of up to six panelists.

**Poster sessions** provide an alternative opportunity for presenting scientific or technical information at the National Meeting. Authors are expected to be present to discuss their posters during a set period of time.

**Technical Trade Presentations** are 15-minute, informal talks given by representatives of exhibiting companies. These are not sales pitches; the goal is to share tips and information about new technology and products in the industry. Only one presentation per company will be accepted. All topics are reviewed and approved by the Exhibitor Advisory Council.
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In the News

Animal lovers should support animal research

By: Matthew R. Bailey; Published: July 20, 2018
Scientists just discovered a drug that could save millions of dogs — and humans — from cancer. Veterinarians at Tufts University administered the experimental treatment to Dover, a 7-year-old dog suffering from lymphoma. The cancer had caused him to go blind, and his days were numbered. In desperation, Dover’s owner enrolled him in a clinical trial testing the early-stage therapy. The results were amazing.

Poliovirus Vaccine a Potential Game Changer for Cancer Treatment

By: Elizabeth Doughman; Published: July 5, 2018
A genetically modified poliovirus therapy significantly improved the long-term survival rate of patients with glioblastoma in a phase 1 clinical trial. The vaccine shows promise for treating other forms of cancer as well.

The Dangerous New Trend of Anti-animal Research Legislation

By: Elizabeth Doughman; Published: August 6, 2018
A new animal rights group is urging lawmakers to pass a series of bills targeting the use of laboratory animals in biomedical research. Just last week, a group of lawmakers, at the urging of animal rights group White Coast Waste, sent a letter calling for the release of information on retired research animals.
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Greetings to all from Vanderbilt University Medical Center! Summer is almost over and the cooler temps should arrive soon!!

What’s been happening with The Division of Animal Care at Vanderbilt Medical Center?? The Elevator Renovations for MCN1 are almost completed with Inspections around the bend!!! The new ABSL room renovations are completed and in full operation now.

New team members to welcome!!!! Cage wash associates Nicole Feldmann Animal Care Techs Alysia Falls, Emily Holland-Turner, Chandler Johnson, TPSR Pranathi Matta Lab Animal Med Extern

We had our first Operations Summer Intern Program. It was a great success! Victoria Cappadora from the University of Delaware and Sammy Mould from Mid TN State University were our first students. They worked with many different team members. It was a chance to see them learn and grow to a new understanding into our world of research. It was a fun learning experience for everyone involved!

Dr. Kelsey Finney is our newest addition to our Laboratory Animal Medical Residency program. She is our newest resident. She joins our now Senior resident Dr. Tai Oatess. We are so excited to have them in our program. Our recent graduates, Dr. Jennifer Hubbard, passed her ACLAM board exam. Dr. Amanda Darbyshire accepted a position at Purdue University and is eligible to sit for 2019 ACLAM board exam.

Our IACUC semi annual inspection and our USDA inspection have happened mid summer. We always try to be inspection ready! We have several team members that will be speakers or will be presenting posters at the National Convention this Fall!!!!

Our presenters include Dr. Yu, Dr. Salleng, Dr. Oates, Dr Darbyshire, Dr. Jones, Dr Schuster, Dr. Wallace, Carlotta Brooks, Michael Pryor, Karen Jackson, France, Dr. Boyd and Dr. Himmel. Wow! Super Job!

Thank you for representing Vanderbilt!!! Have an awesome fall Ya’ll!!!

Here at ETSU, Fall classes are just beginning, so new students are coming into the labs for research projects. This means that we get to teach basic skills to new people, which can be fun. Our new Interprofessional Education and Research Center has also opened, bringing together several groups in one central location on the VA Campus. We look forward to seeing this collaborative effort move forward.

Hope everyone has a great Fall!
Facility News

Mrs. Delores Boatright has been with Meharry Medical College for forty-four years in the Animal Care Facility. She finally retired the beginning of this fiscal year July 2018. She was the face of Animal Care and she will be sorely missed. Enjoy your retirement!

However, she left us when we are working on getting the facility ready for the AAALAC visit in October. The staff and I are spending time reviewing SOP’s and other document in preparation. Not to mention, the cleaning. Keep us in your thoughts as we prepare.

Hi to everyone from UTK. We finally have our new vivarium built, we just need a couple things to complete before our animals will be able to move into the building. This building will house all of the animals from our aged Biological Sciences and Nutrition facilities. We are so excited to have this new facility and will be even happier after the move.

We have welcomed a new hire in the OLAC office, Kim Olson. She has taken over as the enrichment facilitator for the dogs, cats, and rabbits. We also welcomed a new hire in the CVM facilities, Angela Bounds and in the Walters Life Science facilities, Justin McDuffie.

Jane Czarra, will be retiring at the end of the month. We will be sad to see her go, but also happy she is be able to enjoy retirement. There will certainly be very happy grandbabies as a result.

We look forward to seeing everyone at the Winter Branch meeting here at UTK!

LMU was pleased to be able to host the Summer Meeting of the APPAALAS branch.
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**Amazing Science**

*With monkeys, researchers make progress in the search for a vaccine against HIV*

By: Christopher Kane; Published: August 1, 2018
A pair of new studies with non-human primates and people found an experimental HIV vaccine could potentially offer lifelong protection against many of the different strains of the virus, CNN reported on July 7, 2018.

*Four of the Biggest Health Risks Men Face and Animal Research’s Role in Treatments*

By: Lauren Gustafson; Published: June 15, 2018
In recognition of all the men in our lives, we have compiled a list of the four biggest health risks for men and the many ways animal research is helping men live longer and healthier lives.

*Lena Dunham, Dolly Parton, and New Frontiers in Women’s Health Research*

By: Chris Kane; Published: March 2, 2018
With advancements in biomedical technologies, researchers have in recent years discovered several animal models with which to study endometriosis. New and exciting discoveries, including several experimental medications and the identification of a genetic component of endometriosis, have resulted. And researchers are now better positioned to find a cure.
Puzzle Zone

Common Lab Animal Health Problems

Find the following words in the puzzle. Words are hidden up, down, right, left and diagonal.

ABRASIONS  DISTEMPER  PROLAPSE
ABSCESSES  DYSTOCIA  RINGTAIL
ALOPECIA  MALOCCLUSION  RINGWORM
BARBERING  MASTITIS  SNUFFLES
CONJUNCTIVITIS  NEOPLASIA  VOMITING
DERMATITIS  PARASITES
DIARRHEA  PNEUMONIA
Passing an AALAS certification exam at any level entitles you to one free year of membership in the Appalachian Branch of AALAS. Attach a copy of your certificate to your membership application and send no monies.

The technician certification designations of ALAT, LAT, and LATG are widely known throughout the varied fields of laboratory animal care. They are universally becoming a requirement for a lab animal care position.

For complete program information, download the Technician Certification Handbook. The handbook contains everything you need to know about application and testing procedures, qualification criteria, exam fees, and many other topics, and should be retained for use as a reference during the application process.

Mary Hamilton

None Reported

None Reported
Hello again Appalachian branch members! Summer is winding down and fall weather should be right around the corner! I hope everyone had a great summer.

Kidding season is over at our farm. We had 11 beautiful Baby Nubians this year. We kept 3 young Does that will be staying in our herd and The rest have moved on to bigger and better farms! Our Great Pyrenees and Shepherd mix are working into great Farm protectors!

The Williamson County Fair was exciting on the Baking front! My Zucchini bread took the Blue ribbon this year and my Chocolate Chess pie and Banana muffins took 3rd place. My grandson entered the "Kids in the Kitchen contest" and turned out to be the youngest competitor. His treats were delicious but instead of discussing his recipe with the judges, he decided to discuss LEGOs instead! Kids!!! I hope everyone enjoyed the summer meeting At Lincoln Memorial University. Thank you for hosting our meeting!!!

On the local branch level, I would like to reach out to members of the different institutions of the Appalachian Branch. I would love some participation from you for our Spotlight section. Let me introduce you in our next newsletter! Remember that we welcome your input for the Colleague corner. Do you know a coworker you would like to recognize? Or maybe you would like to introduce yourself to the Branch? Let us do a feature spotlight and say hello! Just email me a name and email address and I will do the rest!

How about sharing some interesting tech tips? We are all looking for ways to work smarter!!!! Why not share with us?!? Need info about AALAS certification?....Submitting a nomination for an award? .....Want help with a talk topic or submission?....Need help navigating the Learning Library? Let me assist you with answers to these questions and more. I am your Branch representative and I am here to help you anyway I can. My email address is below and I am just a click away!

Don’t forget if you plan to shop online, please consider Amazon.com They will donate a portion of your purchase to the AALAS Foundation! Let’s go shopping!!! [https://smile.amazon.com](https://smile.amazon.com).

Want to help your community learn more about Animal Laboratory Science? Conduct an outreach event in your community! AALAS can help! And remember - we have FREE handout materials to help make your outreach events a success - posters, brochures, fun origami mice and frogs! Help us "Celebrate the Mouse" and other animals for their contributions in biomedical research! Conduct an outreach event in your local community! We have a free "Celebrate the Mouse" Power Point presentation available to help you inform the public about how mice have helped make strides in heart disease, diabetes, and Alzheimer’s and breast cancer research! Email [foundation@aalas.org](mailto:foundation@aalas.org) for questions/details.

Remember that the Appalachian branch offers several awards for our branch members. Start thinking about who you could nominate for any of the awards. Please check out the awards section on our website. You can nominate yourself or a coworker. Deadline for nominations is in October! Start thinking about it now!!!

What’s happening on the national level?
The September issue of LASPro magazine is now available! Check it out! AALAS is gathering articles, pictures and info for the December issue now. Do you want to contribute? Be a part of it!!! Email [Laspro@aalas.org](mailto:Laspro@aalas.org)

Learning library has certification kits! Are you studying for certification? It’s more than just studying the training manual! Check out the Resource Kit or Total Pack for additional references that you may need! [https://www.aalas.org/ store Shop](https://www.aalas.org/store) under the certification materials option. Check out this direct link to all the AALAS certification books and packages! [https://www.aalas.org/store/detail?productId=7200517](https://www.aalas.org/store/detail?productId=7200517)

...Continued on Page 24
Individual membership

Appalachian Branch American Association for Laboratory Animal Science

INDIVIDUAL MEMBERSHIP APPLICATION

Annual dues include a quarterly newsletter subscription and free registration to Branch meetings. Check one:

**Individual** Membership: $15.00/year _____  **Student** Membership: $10.00/year _____
**Institutional** Membership: $150.00/year _____

for 12 persons, attach correspondence information (as below) for each member

**Complimentary:** Have you passed an AALAS Certification exam at any level this year? Then you get one free year of membership, compliments of the Appalachian Branch. Attach a copy of your certificate to this form and send no money.

**ALL MEMBERSHIP CATEGORIES:** Please complete the information below for correspondence.

Name:_________________________________________________________
Company/Institution:____________________________________________
Title:_________________________________________________________
Address 1:______________________________________________________
Address 2:______________________________________________________
City, State, Zip:___________________________________________________
Phone:_____________________________________ Fax:________________
E‑mail:________________________________________________________

National AALAS Member? _____ Certification Level:_______ Registry Participant? _____

**DEADLINE** for listing in the annual directory is February 28. Please return a copy of this application and a check payable to The Appalachian Branch AALAS, to:

Dana Gray
PO Box 1877
Mt. Juliet, TN 37121

Membership is easy!

The Appalachian Branch of AALAS is a not-for-profit educational 501(c)3 association, chartered under the laws of the State of Tennessee. The Appalachian Branch is affiliated with the American Association for Laboratory Animal Science (AALAS) and is one of five Branches in AALAS District IV. We are dedicated to the advancement of laboratory animal science primarily through education, training, and information exchange. The ultimate goal being the improvement of both human and animal health. In concert with this aim is the enhancement and development of the careers of our technicians, and recognizing their achievement via our awards program.

The Appalachian Branch of AALAS has several individual, institutional, and commercial members nationwide. We are geographically located in middle and east Tennessee, covering Nashville to Knoxville, and the Tri-Cities.

Membership is not regionally restricted and anyone professionally involved with the production, care, and study of laboratory animals is welcome to join.

You’ll find both the individual membership and the corporate membership applications in this newsletter or on our web pages. Come and join us, you’ll be glad you did!
Commercial Membership

Appalachian Branch
American Association for Laboratory Animal Science
COMMERCIAL MEMBERSHIP APPLICATION

Commercial Membership: For two representatives including business cards for each in the quarterly newsletter, web page links to your company and email links to your representatives. Please email digital business cards to the Newsletter Editor or enclose original business cards with this application. _____ $75.00

Additional Newsletter Advertising Options

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<th>One Issue</th>
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Specify the preferred month for one-issue ads: __March, __June, __September, __December

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DEADLINE for listing in the annual directory is February 28. Please return a copy of this application and a check payable to The Appalachian Branch of AALAS to:

Dana Gray
P.O. Box 1877
Mt. Juliet, TN 37121

If you pay via PayPal, you may email a copy of this application to Dana.Gray.AppBranch@gmail.com.
AppAALAS Summer Meeting
Lincoln Memorial University
AppAALAS Summer Meeting
Lincoln Memorial University
Puzzle Zone

Common Lab Animal Health Problems

Word directions and start points are formatted: (Direction, X, Y)

ABRASIONS (SE,1,7)     DISTEMPER (S,17,3)     PROLAPSE (S,1,8)
ABSCESS (E,8,1)         DYSTOCIA (S,20,4)     RINGTAIL (S,21,4)
ALOPECIA (SE,3,4)       MALOCCLUSION (N,19,15)  RINGWORM (SE,1,1)
BARBERING (E,10,16)     MASTITIS (SE,3,1)     SNUFFLES (S,23,3)
CONJUNCTIVITIS (W,20,12) NEOPLASIA (SE,8,2)    VOMITING (SE,9,4)
DERMATITIS (SE,2,1)     PARASITES (W,18,2)     
DIARRHEA (S,18,3)       PNEUMONIA (N,22,16)     

Appalachian Branch American Association for Laboratory Animal Science  www.appaalas.org  24
Are you attending the National Convention this year? There are so many things to think about!

Silent and Live auction - What can you donate? Many items will be up for bid October 28 thru November 1. There is still plenty of time to pledge a donation. You can ship items to the AALAS Foundation office by September 12th or hand deliver them at the Foundation booth at the convention.

Would you like to be a part of the AREA program at the Convention?

There are over 160 students from the nearby Baltimore schools that will be attending the AREA program. This is an opportunity to mentor and educate our students about Laboratory Animal Science. Volunteers spend the day with students, teaching them about what we all do! The students are broken into groups and tour our exhibition hall. We play an education game while enjoying lunch at our meeting. It’s a lot of fun for us as well as the students. Please think about volunteering if you are attending!

AALAS latest webinars are here! Check out the September, October and November webinars here -

https://www.aalas.org/education

Sept - Sheep and Goats - Anesthesia and Analgesia.
Oct - Construction Noise and Vibration : Best Practiced for Minimizing Impacts on animals.
Nov - Humane endpoints for mice

Webinars are a great way to learn something new without leaving the office!

Interested in New Salary information? Check out the AALAS Animal Health Care Technician Salary report!

https://www.aalas.org/store/detail?productId=8489011

Thank you for taking the time to read the latest AALAS happenings! Please email me with any questions, tips. Ideas or questions! I am here to help You!

Donna LeMay

Contact me at

Donna.M.Lemay@VUMC.org

TBR Corner (...continued)

2018 AALAS Awards
Nominees and nominators for all awards must be current national members of AALAS as of January 1 of the nominating year.

- Download the appropriate nomination form
- Fill out the requested information and save the word document to your computer
- Email the completed form as an attachment to awards@aalas.org

Nomination forms must be submitted to the AALAS office by email by April 3, 2018.
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