

NORTHERN MOUNTAIN BRANCH

Winter Newsletter December 2019



Happy New Year 2020!! Our wrap-up to 2019 is a little delayed, but here we will recap our 2019 meeting and provide information on the coming year's NMB 2020 events!

On Wednesday, April 3, 2019, members of NMB AALAS, joined together at Dartmouth Hitchcock. We enjoyed a wonderful lunch and three great speakers.

Our first speaker was Dr. Gilli whose talk was “Why we use animals in Research” The talk highlighted the popular areas of animal research, such as biomedical research to understand how our bodies and immune systems function. These are complicated systems that often cannot be replicated in vitro. The biology between humans and animals are similar so that studies, functions and responses in animals can sometimes be applied to humans. Additionally federal laws require animal testing prior to use in humans for things like drugs and procedures. In earlier days there was testing occurring on human prisoners. The Declaration of Helsinki is a set of ethical principals for human testing. Regulations require animals testing prior to use in humans to reduce the risk of adverse affects that drugs and therapies may have if not fully tested first. Use of animals for cosmetic testing is not supported and does not occur in the U.S. Nearly all medical advances started with animals.

Second speaker of the day was Kirk Maurer, who spoke on Regulations and Laws Applicable to Research Animals. Some of the reasons that Animal use laws came

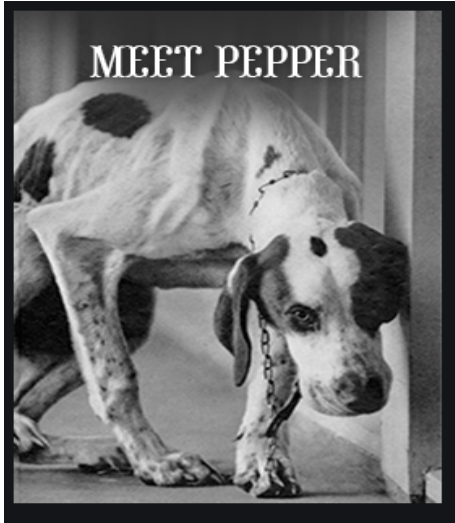
into place were: Concern of animal welfare from public, concern of animal welfare from scientists, concern for human safety, preservation of threatened or endangered species. One of the first animal laws was the 28 hour law enacted in 1873 protecting livestock during transport to provide a minimum frequency of feed, water and rest. This law is still in effect today, but has been amended several times. Migratory Bird Act 1916 protects birds in U.S. and Canada. In the early 1900s many birds were killed for their feathers to supply for feather hats.



Russell and Burch promoted humane use of animals and came up with the 3 Rs. Refinement, Replacement and Reduction.

The Guide was first published in 1963 and put out by scientists to provide a framework of compliance without being prescriptive.

A Dalmatian, named Pepper was stolen in July of 1965 and euthanized for experiments. In February 1966 LIFE Magazine published the story which led to Animal Welfare Act.



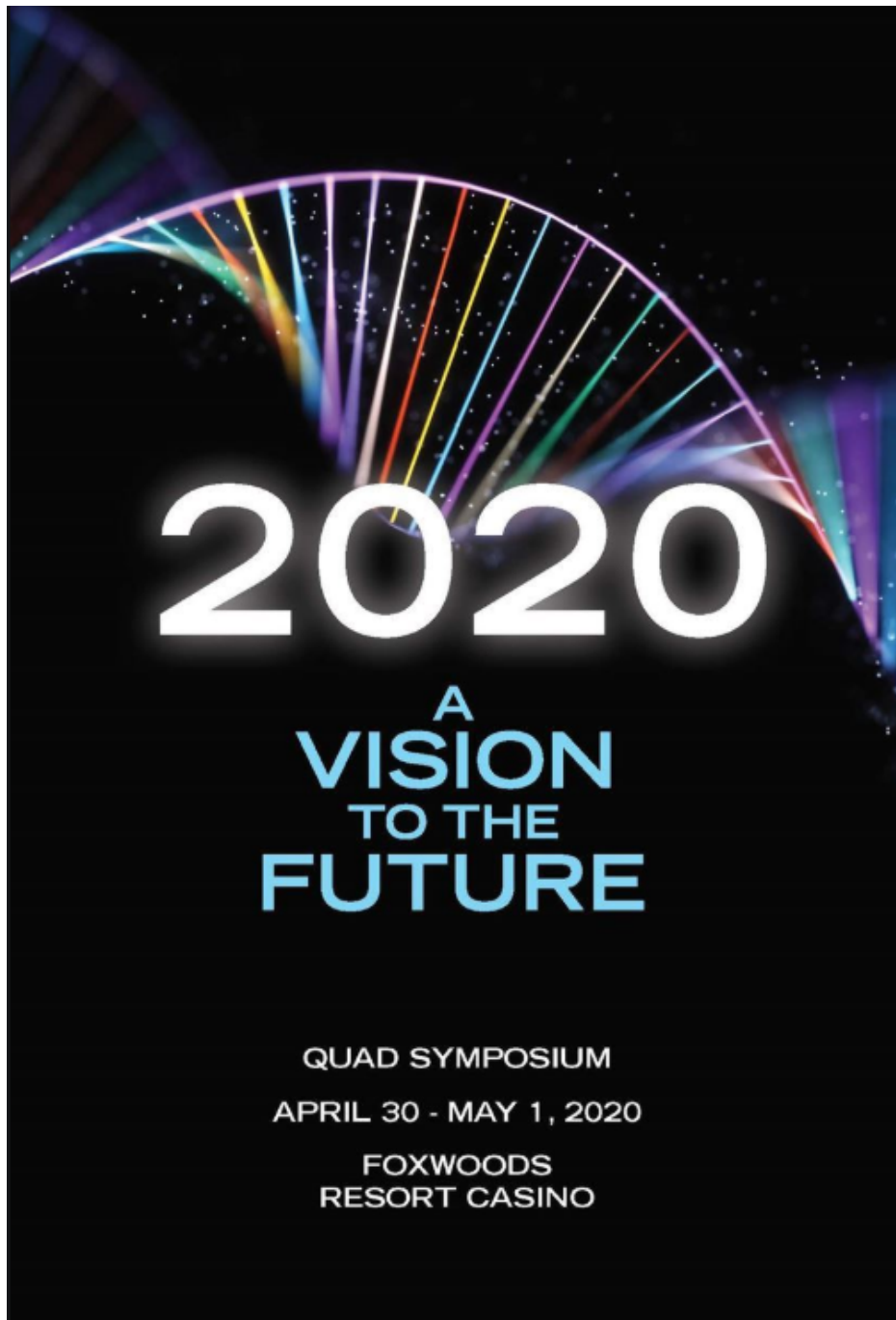
PHS (Public Health Service) Policy 1985 covers all vertebrate animals used in funded research (NIH and NSF).

Animal Welfare differs from Animal Rights. PETA and Humane Society have specific agendas to create personhood/rights for animals. If animals have "Rights" we would need consent. This would mean we could not spay a dog, because there were be no consent, interesting concept.

Jeremy DeSilva Department of Anthropology was our final speaker of the day. He is a Paleoanthropologist who studies fossils, but also humans. Humans are upright-bipedal, most mammals are quad. Humans are vulnerable to falls, we are slow compared to animals and not fast enough to catch food. How did we become bipedal? Dr. DeSilva studies living animals to understand locomotion and how bones are coded. Variation of gates in humans are then compared to how the bones form. Bipedal allows us to carry things during locomotion.

We finished our meeting with a review of and voting in of the Bylaws.

Upcoming Events...



Laboratory Animal
Management Association
(in cooperation with the Allied Trade Association)
36th Annual Meeting

April 20-23, 2020

Embassy Suites by Hilton Scottsdale Resort
Scottsdale, AZ



<https://lama-online.org/events/annual-meeting/>

SAVE THE DATE:

NMB Spring MEETING 4//2020 TBD

More information to follow by email

NMB AALAS 2019 Officers

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Vacant

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The Northern Mountain Branch is looking for individuals to join the officers as President-Elect and TBR.

The duties of the President Elect are to assist the incoming President in planning and executing branch meetings. The PE will automatically become President at the end of their one year term.

Duties of the TBR include communicating with National AALAS through the Committee on Technician Awareness and Development. The TBR will help with planning branch meetings, branch activities and recruitment of new members.

Please support the NMB by nominating yourself or someone you know for these positions.



Northern Mountain Branch

American Association of Laboratory Animal Science

2020 MEMBERSHIP APPLICATION

Type of Membership (check one) New Member Renewal Member

Individual \$20.00

Includes membership, semiannual newsletter, invitation to all local/regional meetings, and optional membership to the AALAS Learning Library

Vendor \$200.00

Includes two individual memberships per company, a vendor table at all meetings, business card advertising, and up to full page advertising in newsletter NMB-EN 03-365292

Name: _____

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Certification Level: ALAT LAT LATG CMAR Registered?

Credentials: AAS AS BS BA MS DVM ACLAM Cert

Are you a National Member? Yes Membership # _____ No

Would you like to join the AALAS Learning Library (ALL)? Yes (branch covers fees) No

Signature of Applicant: _____

Please mail to: James Weldon 189 Highland Street Holden MA 01520

Make checks payable to: Northern Mountain AALAS

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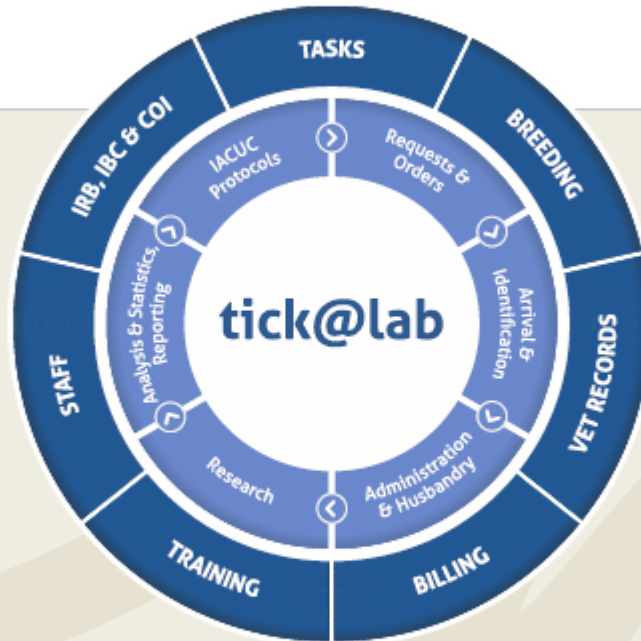
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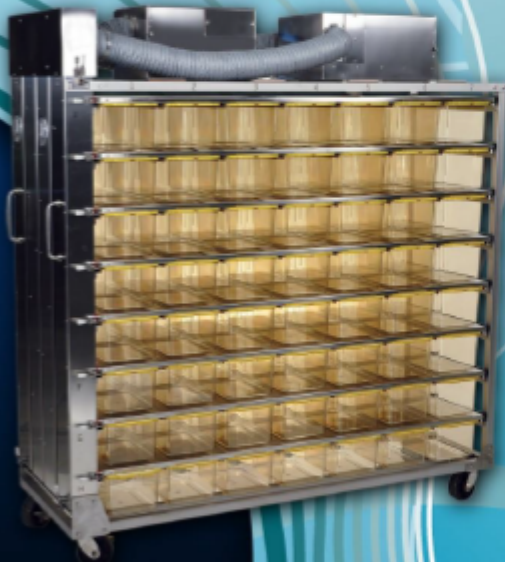
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