

WINTER 2018-2019

SEAALAS On Record

Inside This Issue:

- Letter from SEAALAS President
- SEAALAS Election Results
- 5 Questions: Allison Mennenga & Doug Taylor
- Facility Updates
- Business Pages
- Articles
- Career Opportunities
- AALAS Foundation Honors John Duktig

C H E E R S T O

twenty
nineteen



SEAALAS Communications Chair

Kristy E. Calderon, RVT

kweed@emory.edu

404-712-8829

Dear Southeastern AALAS Branch Members

The Fall has past us by and winter has sat in for the time being. I sure hope all of you had a great Thanksgiving, Christmas and holiday season. Please stay warm until Mother Nature can bring the Spring back to us.

The 69th Annual AALAS National Meeting in Baltimore was a huge success. It was the 3rd largest attended meeting in the history of the national meeting. Our branch was one of the finalist for the Branch Challenge award. This award goes to the branch with the highest percentage growth of membership over last year's numbers. We did not win the award but I would like to thank you all for your participation. We are a very strong and active branch. We need to do everything we can to keep up the awesome work that you all do to support us.

Please do not forget about the annual SEAALAS meeting in Folly Beach which is right outside of Charleston, SC. The dates for the meeting are March 27-29, 2018. The committees are working hard to make this a very active and informative meeting. I would like to send out a BIG thanks to all those who participated in the SEAALAS elections and a congratulations to those who were elected into positions. As always, we are looking for individuals who can volunteer a little bit of their free time to help the branch. If you have any questions or concerns please contact a branch representative.

Johnny Wilson
SoutheasternAALAS President



SEAALAS

SOUTHEASTERN BRANCH (SEAALAS) OF THE AMERICAN ASSOCIATION FOR LABORATORY ANIMAL SCIENCE (AALAS) IS ONE OF THE FIVE BRANCHES THAT MAKE UP AALAS DISTRICT 4.



Mission Statement

SEAALAS IS DEDICATED TO ADVANCING THE HUMANE CARE AND USE OF LABORATORY ANIMALS FOR THE BENEFIT OF HUMAN AND ANIMAL HEALTH THROUGH EDUCATION, TRAINING AND PROFESSIONAL DEVELOPMENT.

5 QUESTIONS

Allison Mennenga

Medical University
South Carolina



1. If you could be any fictional character, who would it be?

This one is hard. I think I'd want to keep my personality but with Nova Prime's (Warframe) skills and look

2. If you had intro/theme music, which song would you pick?

Headlines Read Out by We the Kings

3. What 3 words best describe you?

Determined, Reserved, Gamer

4. What is 1 thing from your bucket list you have not done yet?

Visited Dachau in Germany

5. What would you like to be known for?

Having a large garden and a house full of plants



We The Kings - Headlines Read Out...





SEAALAS

BOARD OF DIRECTORS 2019

- **President- Elect: Rose-Ann Gillespie**
- **Board of Directors: Michael Morrison**
- **Board of Directors: Kristy Calderon**
- **Treasurer: Colleen Oliver**
- **Secretary: Allison Mennenga**





Atlanta VA Medical Center



AALAS in Baltimore 2018

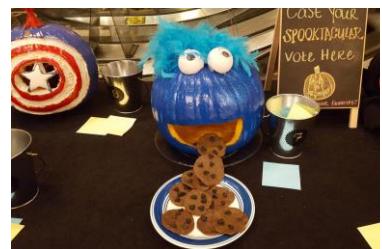
by: Sandy Meyer RVT, LATG



Colleen and I really enjoyed the conference this year! It was great to see many AALAS friends again. We were lucky enough to be shown around the city by some good folks and friends that call Baltimore home –Vince and Mark with Life Science Products Inc! Thank you! It was my first time in Baltimore -so I started my visit with a yummy crab cake :-) The Baltimore harbor is especially nice at night with the light reflections on the water. It was a warm Halloween night in the harbor with lots of people on the streets in costume!



The topics and lectures were educational and very informative. One of the most interesting and enlightening talks I attended was the “Rat Tickling” presentation. I was not familiar with the technique of Rat Tickling and it was amazing to learn how responsive rats are when the technique is used -our animal care staff are now trying the technique during cage changing.





MOREHOUSE

- Congratulations to Antonika Whiting for her promotion to Animal Care Technician II.
- We are pleased to announce that we have Amira Marvel joining our team as a Cagewash Technician.
- MSM manages the animal care and use program across the Atlanta University Center. While the program is centered at Morehouse School of Medicine, we manage the satellite facilities at Morehouse College, Spelman College and Clark-Atlanta University. We are pleased to announce the opening of a new a satellite vivarium located at Clark-Atlanta University. This is a small four-room housing space with three procedure areas and cage wash to support their cancer studies.

Winter 2018-19

District IV News and Updates

Hello D4 Leadership and members;

I hope that this note finds everyone well. I want to thank all the branch officers, board members, and volunteers for all of their hard work this past year. We really appreciate your service! I also want to welcome the new board members and future volunteers. We need your support and participation.

I have just a few notes and updates.

- Upcoming branch events- Branches should be sure to get these events posted on the AALAS calendar.
 - Appalachian branch meeting is scheduled for January 25, 2019 at UT Knoxville
 - RTB Awards banquet- January 31, 2019 at RTB in Durham NC
 - SEAALAS- "SEAALAS by the Sea" is scheduled for March 28-29, 2019 in Folly Beach SC
 - Midsouth- Spring meeting scheduled for April 10, 2019 in Birmingham AL and Fall meeting is scheduled for September 11, 2019 in Memphis TN
 - If I missed an upcoming branch event, please reply to all and let us know. Thank you.
- International Laboratory Animal Technician Week, January 2- through February 2, 2019. "Technicians Are the Gears That Move Research Forward"
 - What are you planning at your facility?
 - Any ideas or thoughts about a friendly challenge between facilities within the District?
- From the National Association for Biomedical Research (NABR)
 - <https://www.votervoice.net/NABR/campaigns/62095/respond>
- From the Americans for Medical Progress
 - <https://www.amprogress.org/love-care-progress-videos/>
- From the AALAS Foundation
 - <https://www.youtube.com/watch?v=caTUxdevlqM&feature=youtu.be>
 - <https://www.aalasfoundation.org/get-involved/Donate>

Remember, each \$10 online donation received by December 31, 2018 will receive a "Celebrate the Mouse" arthritis awareness lapel pin. (One lapel pin for \$10, two pins for \$20, etc.)

Thanks again to all our supporters and volunteers! Happy Holidays to you all!
- The next AALAS Board of Trustees meeting is scheduled for February 26, 2019. Please let me know if you have any topics or issues that you would like me to bring forward to the group.
- Biomedical Research Awareness Day (BRAD) is planned for April 18th. This year there is an increased effort being made to reach out to include veterinary technician training programs. The Society for Laboratory Animal Veterinary Technicians (www.slavt.org) is working hard to make contacts.
- Don't forget about our District IV meeting June 6 and 7, 2019 hosted by RTB.

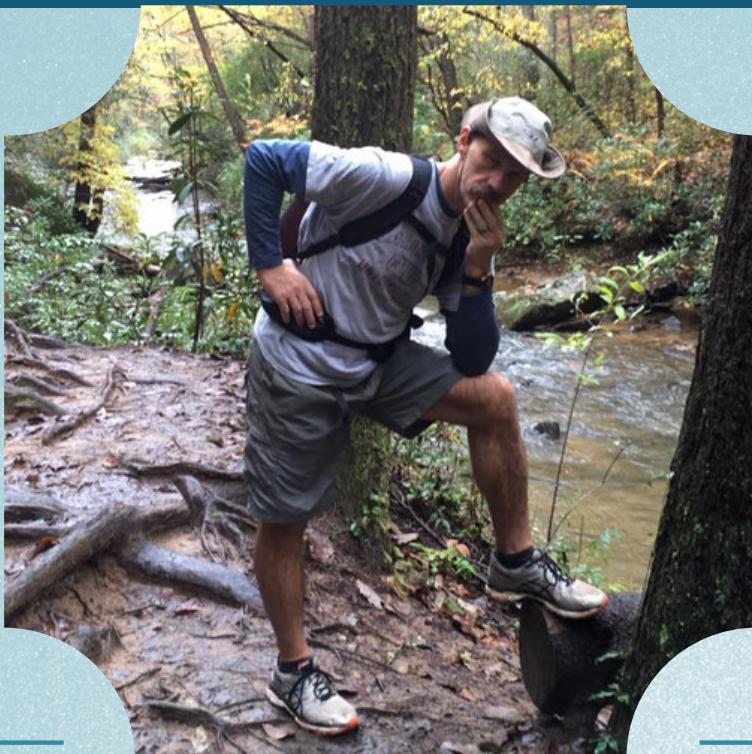
I thank you all again for your membership and support. Happy holidays and best wishes for the New Year!

~ Mark Sharpless



5 QUESTIONS

Douglas K. Taylor
Emory University



1. If you could be any fictional character, who would it be?

Aquaman

2. If you had intro/theme music, which song would you pick?

The Piña Colada Song

3. What 3 words best describe you?

Simple, Genuine, Sincere

4. What is 1 thing from your bucket list you have not done yet?

Trekking the Himalayas

5. What would you like to be known for?

Listening more and talking less





DINNER AT THREE BLIND MICE

HONORING FRIEND AND HUSBAND, JOHN DUKTIG

There were 8 of us total that were able to make it on November 11th to *Three Blind Mice*, a local Norcross restaurant. Besides the animal name, the service and food were great and the restaurant provided a nice quiet atmosphere where we could all talk and enjoy each other's company. Thank you Johnny Wilson and Kevin Cormier for their contributions to this dinner.

Karen Duktig, wife of John, shared many stories and several pictures. It was fascinating, and often very humorous, to hear about how his career unfolded over time. Each of us had our own stories of working with and interacting with John. Such as the story where he helped escort AALAS meeting attendees through a gauntlet of protesters at the National AALAS meeting in Anaheim, or the story about the time he helped out a student in financial need. The pictures were also fun to see; there was one of John with a huge tuna that he had hooked and landed as well as pictures of him participating in civil war reenactments. These were just a few glimpses of the John that many of us did not know.

I was trying to explain to one of the guests that this was an AALAS Foundation *honor* as opposed to an award. The significance of the honor, to me anyway, is that it demonstrates the impact that John had on his colleagues in the industry. They felt that his dedication to animal welfare and his devotion to technician training and development was something to invest in and to recognize and acknowledge in the form of contributions to the AALAS foundation in John's name.

We should encourage other branches to honor their colleagues in this way.

~ Mark Sharpless



Emory University

Certifications

- ALAT- Danielle Smalls-Pressley
- ALAT-Juan Pablo Duarte
- LAT- Leela Geeter
- LAT- Claire Mancebo
- LAT- Jackie Opalia
- LAT- Jennifer Perry
- LAT- Kelli Taylor
- LATg- Sebastian Lobo



New Team Members

- Sandy Anthony- Vet Tech III
- Alvin Simpson- Animal Care Tech III
- Rhoda Carter- Secretary (ETS)
- Dr. Katia Peixoto- Admin. Assistant (ETS)

Congratulations

Maya Meeks received Emory's Award of Distinction for her continued efforts and work with Emory's Office of Sustainability Initiatives.



*Mark your
calendar!*

RTB AALAS is Hosting the D4 Meeting

When? June 6th – 7th, 2019

Where? NC State University

McKimmon Center for Extension & Continuing Education

1101 Gorman St, Raleigh, NC 27606

**“Honoring the Past While
Embracing the Future”**

Call for Speakers!!!

Interested in speaking?

Please contact Jessica Blackwell jblkwell@email.unc.edu

or Julie Kent julie.kent@duke.edu

Songbird data yields new theory for learning sensorimotor skills

"Our findings suggest that an animal knows that even the perfect neural command is not going to result in the right outcome every time," says

Emory biophysicist Ilya Nemenman.

(Image courtesy Samuel Sober.)

By Carol Clark

Songbirds learn to sing in a way similar to how humans learn to speak — by listening to their fathers and trying to duplicate the sounds. The bird's brain sends commands to the vocal muscles to sing what it hears, and then the brain keeps trying to adjust the command until the sound echoes the one made by the parent.

During such trial-and-error processes of sensorimotor learning, a bird remembers not just the best possible command, but a whole suite of possibilities, suggests a study by scientists at Emory University.

The Proceedings of the National Academy of the Sciences (PNAS) published the study results, which include a new mathematical model for the distribution of sensory errors in learning.

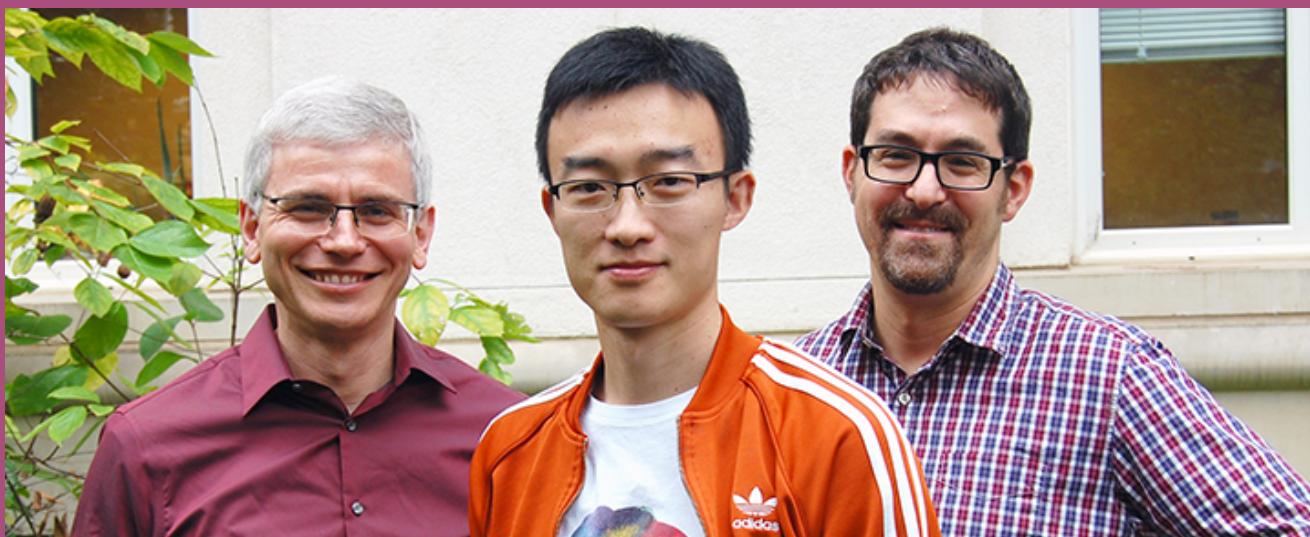
"Our findings suggest that an animal knows that even the perfect neural command is not going to result in the right outcome every time," says Ilya Nemenman, an Emory professor of biophysics and senior author of the paper. "Animals, including humans, want to explore and keep track of a range of possibilities when learning something in order to compensate for variabilities."

Nemenman uses the example of learning to swing a tennis racket. "You're only rarely going to hit the ball in the racket's exact sweet spot," he says. "And every day when you pick up the racket to play your swing is going to be a little bit different, because your body is different, the racket and the ball are different, and the environmental conditions are different. So your body needs to remember a whole range of commands, in order to adapt to these different situations and get the ball to go where you want."

First author of the study is Baohua Zhou, a graduate student of physics. Co-authors include David Hofmann and Itai Pinkoviezky (post-doctoral fellows in physics) and Samuel Sober, an associate professor of biology.

Traditional theories of learning propose that animals use sensory error signals to zero in on the optimal motor command, based on a normal distribution of possible errors around it — what is known as a bell curve. Those theories, however, cannot explain the behavioral observations that small sensory errors are more readily corrected, while the larger ones may be ignored by the animal altogether.

For the PNAS paper, the researchers analyzed experimental data on Bengalese finches collected in previous work with the Sober lab. The lab uses finches as a model system for understanding how the brain controls complex vocal behavior and motor behavior in general.



(From L to R): Ilya Nemenman, Baohua Zhou, and Samuel

Miniature headphones were custom-fitted to adult birds and used to provide auditory feedback in which the pitch that the bird perceives it vocalizes at could be manipulated, replacing what the bird hears — its natural auditory feedback — with the manipulated version. The birds would try to correct the pitch they were hearing to match the sound they were trying to make. Experiments allowed the researchers to record and measure the relationship between the size of a vocal error the bird perceives, and the probability of the brain making a correction of a specific size.

The researchers analyzed the data and found that the variability of errors in correction did not have the normal distribution of a bell curve, as previously proposed. Instead, the distribution had long tails of variability, indicating that the animal believed that even large fluctuations in the motor commands could sometimes produce a correct pitch. The researchers also found that the birds combined their hypotheses about the relationship between the motor command and the pitch with the new information that their brains received from their ears while singing. In fact, they did this surprisingly accurately.

"The birds are not just trying to sing in the best possible way, but appear to be exploring and trying wide variations," Nemenman says. "In this way, they learn to correct small errors, but they don't even try to correct large errors, unless the large error is broken down and built up gradually."

The researchers created a mathematical model for this process, revealing the pattern of how small errors are corrected quickly and large errors take much longer to correct, and might be neglected altogether, when they contradict the animal's "beliefs" about the errors that its sensorimotor system can produce.

"Our model provides a new theory for how an animal learns, one that allows us to make predictions for learning that we have tested experimentally," Nemenman says.

The researchers are now exploring if this model can be used to predict learning in other animals, as well as predicting better rehabilitative protocols for people dealing with major disruptions to their learned behaviors, such as when recovering from a stroke.

The work was funded by the National Institutes of Health BRAIN Initiative, the James S. McDonnell Foundation, and the National Science Foundation. The NVIDIA corporation donated high-performance computing hardware that supported the work.



picture: google images



Quip Laboratories,

The AALAS National Conference in Baltimore was everything I expected it to be and more. I am so thankful that I was given the Travel Award. I learned so many new things from attending the presentations, a workshop on vivarium design, and by walking through all of the posters. I also talked to the vendors in the exhibit hall, and was impressed by all of the new products available.

My goal was to learn more about what the field of laboratory animal science has to offer, and I think I did more than just that. The conference increased my passion by showing me all of the possibilities the field has to offer, and I am proud to be a part of it. I enjoyed meeting others and seeing the passion they have for their work.

In the future I hope to make a large impact on others and encourage them to join, or support, laboratory animal science. We do great things every day for an even greater purpose. The Travel Award gave me the opportunity to be a better Animal Technician, and for that I am truly grateful.

Sincerely,
Hillary Chase



STERI DRI NEWS

DRY HEAT STERILIZATION, AN EFFECTIVE ALTERNATIVE

With more and more research being done on immunosuppressed animals, the Lab Animal Sciences Industry has seen demand for more sterilization of caging and IVC racks. This additional capacity is often required in existing and operating facilities where adding sterilization capacity is extremely difficult. This puts the pressure on equipment engineers to develop innovative ways to approach sterilization. Traditional steam autoclaves require pits with drains, reinforced structures to hold the weight, steam, water and electricity. Dry heat sterilizers provide an alternative to steam that only requires electricity and an exhaust.

RECENT DRY HEAT SUCCESS STORIES

Three laboratory animal facilities recently upgraded their sterilization capacity by removing existing steam sterilizers and installing new dry heat sterilizers. Two of the facilities were within a barrier and were left operational, one sterilizer feeds into a gnotobiotic breeding facility. The existing steam sterilizer pressure vessels were sectioned into pieces using plasma torches and disassembled in place. By sectioning the pressure vessels before removing them, construction to remove them from the facility was drastically reduced and the barriers could be maintained. The new dry heat sterilizers were modular in design and were easily brought into the facility using existing doorways and assembled on site. Because the dry heat sterilizer is not a pressure vessel, the chamber modules do not need to be welded, ground, polished and hydro tested.

Each dry heat sterilizer cycle type, i.e. cages, IVC racks, water bottles, etc, was validated using temperature mapping and biological indicators. For more information, see Proven Validation section below.

GREEN TECHNOLOGY

Compared with steam, dry heat is a greener technology that eliminates water usage, provides more flexibility for installation locations and costs less to own and operate. Enhanced convection technology and site specific cycle validation, coupled with less downtime has consistently shown to deliver higher throughput.

OPERATIONAL ADVANTAGES

- Effective and proven sterilization
- Virtually no maintenance
- Minimal to no cage degradation
- Quiet, safe operation



INSTALLATION ADVANTAGE

Bulk steam sterilizers are large units which often need to be located in areas that are prohibitive to moving such heavy and cumbersome equipment into position. A dry heat sterilizer is a small fraction of the weight of an equivalent steam system, takes less floor space and by design can be moved through a facility and rigged into place as modules and assembled on site, minimizing challenges, costs and time delays.

The dry heat sterilizer does not need a pit. Instead, a steel plate floor in the sterilizer allows the load of animal cages to be rolled in directly from the facility floor. The dry heat sterilizer requires no drain, no steam and no water.

STERI DRI NEWS

UTILITY COSTS

The dry heat sterilizer uses just one utility, electricity. In comparison to other sterilization methods the cycle operational cost is considerably less. Depending on individual utility costs for a facility, the cost savings of a dry heat sterilizer compared to a steam sterilizer often exceeds 50% savings per cycle.

CONTROLS

New sterilizers provide control options using a programmable logic control (PLC) and a human machine interface (HMI) based control systems. These controls are simple to use and allow the technician to configure and record the temperature of the sterilization cycle. Technicians can control various processes, such as start/stop, fault indicators temperature displays, timers, and alarms in a secure manner preventing accidental changes to stored sterilization programs. Various other electronic and paper recording options are also available. A HMI is also located at the unload side of the sterilizer to allow visibility to the cycle timing and performance.



Evolution of control technology has eliminated the need for technicians to be in the same room as the sterilizer. Remote control ability makes it possible for the technician to operate, monitor, and diagnose problems from other locations using a computer or other device with web access.

PROVEN VALIDATION

The dry heat sterilizers are validated in the following manner:

1. Balancing of airflow.
2. Thermally map an empty chamber and tune pressure ducts to achieve the correct chamber temperature uniformity.
3. Load the chamber with rodent cages and bedding – either nested or full cage set-ups.
4. Thermally map the cages to determine the slowest point to reach temperature.
5. Place Biological Indicators (3.9 x 106 CFU) in selected cages and operate the sterilizer cycle.
6. Incubate the BI's for any signs of growth to validate efficacy of cycle.

Once a dry heat sterilizer is installed at a customer facility, all of the above testing and validation of each cycle type is performed, and test reports given to the customer.

The biological indicators used are designed specifically for usage with a dry heat sterilizers. Type of BI's used for test: Bacillus Atrophaeus (formerly Bacillus Subtilis) 3.9 x 106 CFU (colony forming units).

To learn more, please contact Dennis Mendler at dmendler@tpsovens.com or at (570) 538-7226. More information can also be found at www.steri-dry.com.

SAVE THE DATE

MARCH 2019

27TH-29TH

SEAALAS BY THE SEA
TIDES HOTEL FOLLY BEACH SC

SEAALAS by the sea

March 27-29, 2019



*Speakers needed to share knowledge
and experiences in Laboratory
Animal Research.*

Contact Deidre Wright for more info @ wrightdr@musc.edu

SEAALAS

CareerLine

Full details can be found at <https://www.aalas.org/careerline>**Job Postings**

11/25/18—12/28/18

Post Date	Description	Location
12/28/2018	<u>Research Veterinary Technician (Research Assistant) – Advanced Science Research Center</u>	New York, New York
12/28/2018	<u>Project Manager II</u>	Bethesda, Maryland
12/28/2018	<u>Veterinary Technician I and II</u>	Poolesville, Maryland
12/19/2018	<u>Spvr-Animal Husbandry</u>	New York, New York
12/19/2018	<u>Assistant/Associate Professor, Research Faculty Appointment (RFA)</u>	Bastrop, TX
12/13/2018	<u>Trainer II</u>	Bethesda, Maryland
12/13/2018	<u>Attending Veterinarian/Laboratory Animal Resource Center Director</u>	Corvallis, Oregon
12/12/2018	<u>Surgical Specialist</u>	San Carlos, CA
12/12/2018	<u>Clinical Veterinarian</u>	Everett, Washington
12/4/2018	<u>Animal Care Technician III (Floor Lead, Rodent)</u>	Silver Spring, Maryland
12/4/2018	<u>Project Manager IV (proposed effort)</u>	Bethesda, Maryland
12/4/2018	<u>Aquatics Specialist V (proposed effort)</u>	Bethesda, Maryland
11/27/2018	<u>Clinical Veterinarian</u>	Immokalee, Florida
11/25/2018	<u>Gnotobiotic Technician</u>	San Francisco or Bay Area (Mountain View), California
11/25/2018	<u>Head of Gnotobiotic Facility</u>	San Francisco CA or Bay Area , California



VENDOR MEMBERSHIP CHANGES

Dear SEAALAS Vendors,

There have been some questions recently regarding the amount of the membership renewal for the SEAALAS branch. In an effort to streamline business with the operations of the Southeastern AALAS branch, the executive board voted to combine all dues into one annual fee. That amount would be due at the time of your regular renewal dues. The NEW amount includes your membership, business card, attendance to annual meeting, exhibiting, table and any additional fees associated with being a commercial member for the SEAALAS branch. There is now only one payment to renew commercial membership for the year.

This one-time payment now gives you a commercial membership for up to 3 people, allows 3 people to attend the meeting and exhibit, inclusion of your business cards into the SEAALAS newsletter, as well as any advertising to be included.

This is a leap forward in savings and convenience for membership as it is all-inclusive and allows growth for vendors within our branch.

If you have further questions please contact

Johnny Wilson, President (jwilson@allentowninc.com), Joe Thomas, Commercial Liaison (jthomas@quiplabs.com) or Deidre Wright, Program Chair (wrightdr@musc.edu).

Thank you very much.
~ Johnny Wilson

SEAALAS Commercial Member Directory

Charles River Laboratories

Rep: Margaret Seays Phone: Email: margaret.seays@crl.com

Contec

Rep: Paul Effler Phone: 864-503-8333 Email: peffler@contecinc.com
Rep: Ashley Fly Phone: 864-503-8333 Email: info@contecinc.com

Covance

Rep: Bryan Lee Phone: 608-301-6957 Email: Bryan.lee@covance.com

Data Sciences International

Rep: Lori Boyd Phone: Email: lboyd@datasci.com

Edstrom Industries, Inc.

Rep: Arnie Markwald Phone: 262-538-5181 Email: arnie.markwald@edstrom.com
Rep: Chip Ahrens Phone: 352-213-0745 Email: chip.ahrens@edstrom.com

Envigo

Rep: Morgan Holmes Phone: 919-400-1418 Email: morgan.holmes@envigo.com

Getinge Group

Rep: Bret Zaro Phone: 770-722-2389 Email: Bret.Zaro@Getinge.com

Highlands BioMed

Rep: Don Basil Phone: 716-751-3100 Email: donbasil@lynxpg.com
Rep: Steven Blevins Phone: 423-677-8624 Email: steve@highlandsbiomed.com

IDEXX BioResearch

Rep: Kayla Johnson Phone: 214-354-7717 Email: kayla-johnson@idexx.com

2018 Commercial Rep

Joe Thomas
Quip Labs

Cheers

TO THE NEW YEAR

SEAALAS Commercial Member Directory

Allentown Inc

Rep: Scott Hoy Phone: 609-259-7951 Email: shoy@allentowninc.com
Rep: Sarah Rovezzi Phone: 609-286-4463 Email: srovezzi@allentowninc.com
Rep: Johnny Wilson Phone: 610-701-1878 Email: jwilson@allentowninc.com

Alternative Design Manufacturing & Supply

Rep: Peggy Nahorski Phone: 314-308-6999 Email: peggy@altdesign.com
Rep: Shanna Wilcox Phone: Email: shanna@altdesign.com

Ancare

Rep: Mitchell Kanarek Phone: 609-530-1055 Email: mitch@ancare.com
Rep: Nancy McCormick Phone: 516-781-0755 Email: nancy@ancare.com

Andersons Lab Bedding

Rep: Colleen Kander Phone: 419-377-3639 Email: colleen_kander@andersonsinc.com

ARES

Rep: Ryan Coutant Phone: 404-576-1686 Email: ryanc@aresscientific.com
Rep: Michael O'Connor Phone: 919-909-4842 Email: michaelo@aresscientific.com

a-tune

Rep: J. Patrick Guider, Jr. Phone: 512-589-5431 Email: pguider@a-tune.com
Rep: Bryan Guider Phone: 512-297-7447 Email: mnndiaye@a-tune.com
Rep: Maty-Celine N'Diaye Phone: 424-202-2317 Email: mnndiaye@a-tune.com

Bio-Serv

Rep: Dr. Karen Froberg-Fejko Phone: 908-996-2155 Email: kfroberg@bio-serv.com
Rep: Karena Thek Phone: 908-255-9145 Email: kthek@bio-serv.com

Britz & Company

Rep: Mike Bassett Phone: 307-331-4161 Email: mpbassett@BritzCo.com

Cheers

TO THE NEW YEAR

2018 Commercial Rep

Joe Thomas
Quip Labs

SEAALAS Commercial Member Directory

InnoVive

Rep: Warren Riley Phone: 317-501-4341 Email: warren@innoviveinc.com

Lab Diet

Rep: Kristin Robertson Phone: 954-393-7500 Email: KERobertson@landolakes.com
Rep: Sarah Roberts Phone: Email: sarah.roberts@labdiet.com

Lab Products

Rep: Shannon Shelton Phone: Email: sshelton@labproductsinc.com

LABEX of MA

Rep: Edward Russo Phone: 508-755-2243 Email: edrussoe@labexofma.com
Rep: Maria Cariglia Phone: 508-755-2243 Email: mariac@labexofma.com

LAB SUPPLY

Rep: Kelly Ham Phone: Email: kham@labsupplytx.com
Rep: Jason Raynor Phone: 800-262-5258 Email: jhraynor@labsupplytx.com

Life Science Products

Rep: Mark Smith Phone: 410-778-6474 Email: lspms@aol.com
Rep: Vincent Lemken Phone: 410-810-2100 Email: vlemken@mindspring.com

Marshall BioResources

Rep: Pam Huber Phone: 315-587-2295 Email: phuber@marshallbio.com
Rep: Andy Smith Phone: 315-587-2295 Email: asmith@marshallbio.com

Medline

Rep: Erin Moreau Phone: 678-294-7526 Email: emoreau@medline.com

Med Rep

Rep: Abigail French Phone: 800-521-0754 Email: abigail.french@labrepco.com
Rep: Jamie Williams Phone: 770-251-1505 Email: jwilliams@medrepinc.com

Cheers
TO THE NEW YEAR

2018 Commercial Rep
Joe Thomas
Quip Labs

SEAALAS Commercial Member Directory

Pharmacal

Rep: Kevin Cormier Phone: 203-233-9024 Email: kcormier@pharmacal.com
Rep: Ken Shapiro Phone: 1-800-243-5350 Email: kshapiro@pharmacal.com

Primus Sterilizer Co.

Rep: Rich Apolinar Phone: 402-344-4200 Email: rapolinar@primus-sterilizer.com

Quip Laboratories

Rep: Joesph Thomas Phone: 302-545-7504 Email: jthomas@quiplabs.com
Rep: Donna Monroe Phone: 302-545-7504 Email: donna@quiplans.com

Research Supply Company

Rep: Don Raleigh Phone: 315-415-9663 Email: dsr@raleighsales.com
Rep: Jim Raleigh Phone: 203-421-5485 Email: jr@researchsupplycompany.com

Shepherd Specialty Papers

Rep: Bob Bentzinger Phone: 908-996-6410 Email: bbentzinger@ssponline.com
Rep: Rene Ketelsen Phone: 781-826-1581 Email: Rketelsen@ssponline.com

SYSTEMS ENGINEERING

Rep: Michael O'Connor Phone: 919-909-4842 Email: michaelo@aresscientific.com
Rep: Manville Michael Phone: 479-549-8724 Email: mmichael@selabgroup.com

Sterilelink

Rep: David Wright Phone: 336-254-2266 Email: davidwright@sterilelink.com
Rep: Jason Harrington Phone: 336-254-2266 Email: www.sterilelink.com

Steris

Rep: Paula Cannella Phone: 813-217-3055 Email: paula_cannella@steris.com
Rep: Benjamin Gomez Phone: 440-525-6956 Email: bgomez@steris.com

Cheers
TO THE NEW YEAR

2018 Commercial Rep
Joe Thomas
Quip Labs

SEAALAS Commercial Member Directory

Taconic

Rep: Patrick Jones Phone: 518-751-6026 Email: patrick.jones@taconic.com

Tecniplast USA

Rep: Jon Ledford Phone: 484-798-7687 Email: jledford@tecniplastusa.com
Rep: Baxton Vaughan Phone: 484-889-7158 Email: bvaughan@tecniplastusa.com

The Jackson Laboratory

Rep: Ella Torian Phone: 207-266-8685 Email: Ella.Torian@jax.org

Thermal Products Solutions

Rep: Robert Davis Phone: Email: bdavis@process-info.com

Thoren Caging Systems

Rep: Andy Minenna Phone: Email: andym@thoren.com
Rep: Sally Thomas Phone: 570-455-5041 x 202 Email: sathomas@thoren.com

VetEquip

Rep: Bob Schrock Phone: 925-200-6768 Email: bob@vetequip.com

ViraTek

Rep: Kathy Hitzelberg Phone: 540-905-5284 Email: info@viratekinc.com
Rep: Richard Hitzelberg Phone: 540-905-5284 Email: info@viratekinc.com

XpressBio

Rep: Mo Hashemzadeh Phone: 301-288-2444 Email: mo@xpressbio.com
Rep: William Boteler Phone: 301-288-2444 Email: xpressbio@xpressbio.com

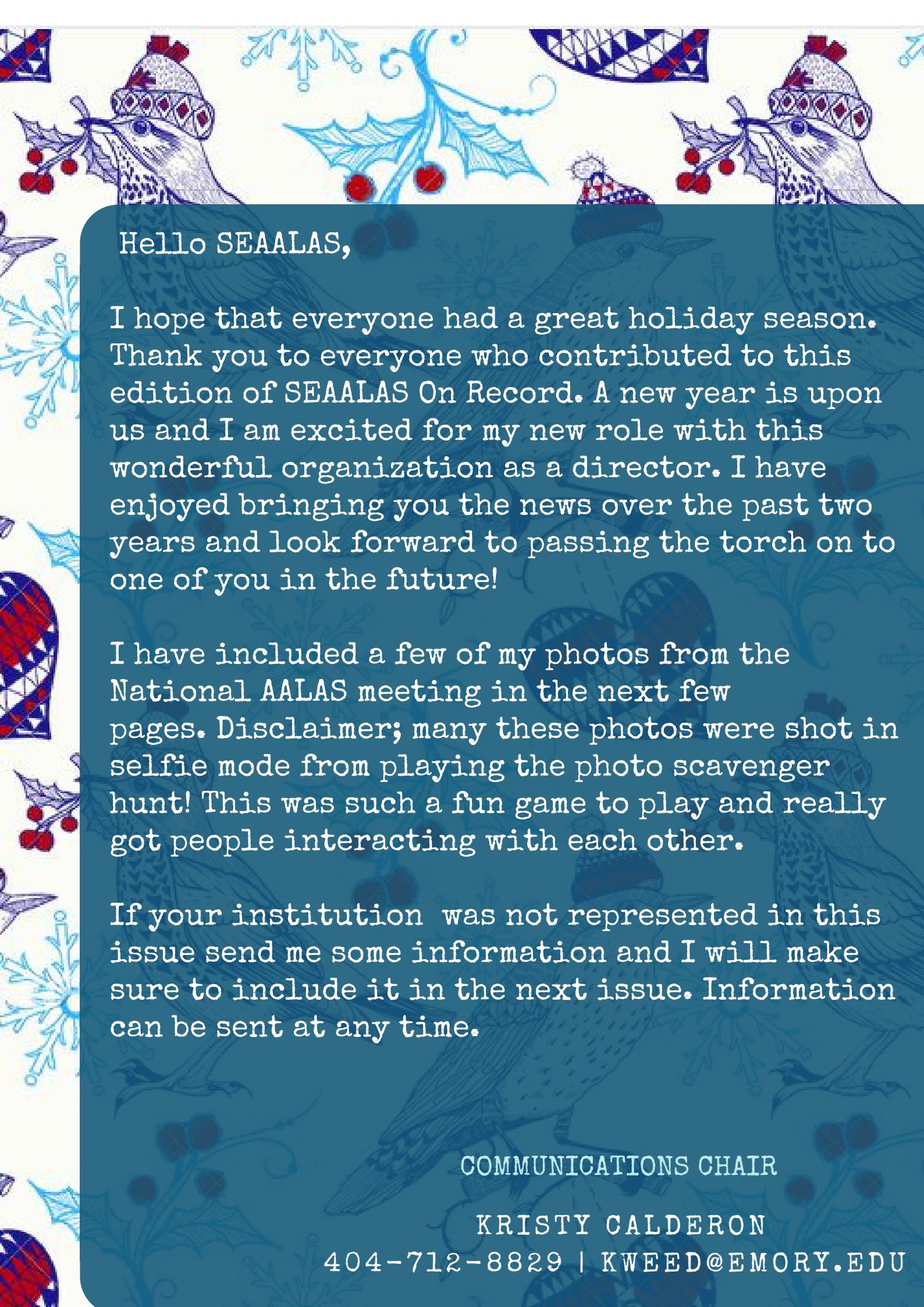
Zeigler Bros., Inc.

Rep: Priscilla Shirley Phone: Email: priscilla.shirley@zeiglerfeed.com

Cheers
TO THE NEW YEAR

2018 Commercial Rep

Joe Thomas
Quip Labs



Hello SEAALAS,

I hope that everyone had a great holiday season. Thank you to everyone who contributed to this edition of SEAALAS On Record. A new year is upon us and I am excited for my new role with this wonderful organization as a director. I have enjoyed bringing you the news over the past two years and look forward to passing the torch on to one of you in the future!

I have included a few of my photos from the National AALAS meeting in the next few pages. Disclaimer; many these photos were shot in selfie mode from playing the photo scavenger hunt! This was such a fun game to play and really got people interacting with each other.

If your institution was not represented in this issue send me some information and I will make sure to include it in the next issue. Information can be sent at any time.

COMMUNICATIONS CHAIR

KRISTY CALDERON

404-712-8829 | KWEED@EMORY.EDU



