Dear CTPVSS colleagues:

It is my great pleasure to present the spring 2022 issue of CTPVSS newsletter! In this issue, we highlighted some of the CTPVSS sponsored events at the SOT Annual Meeting in San Diego, CA. Most importantly, in this year, we added 4 new awards – Outstanding Early Career Scientist Award, Outstanding Mid-Career Scientist Award, Lifetime Achievement Award, and Best Publication Award, making a total of 9 CTPVSS sponsored award categories. We are also very proud to mention that our Specialty Section gives the highest monetary award in the entire SOT, Roger O. McClellan Student Endowment Award, with generous support from Dr. Roger O McClellan Endowment Fund. We collaborated with Society of Toxicological Pathology (STP) to conduct a mentoring event, for which SOT also provided a partial financial assistance through Mentoring Initiatives Matching Funds (MIMF). Please see all CTPVSS-sponsored events and membership activities and mark your planner to attend all events.

We missed in-person SOT Annual Meetings in the last two years to share science and fellowship. With mass COVID19 vaccination, we are finally able to meet in person this year! Thanks to all the scientists who developed COVID19 vaccines! Please follow your local guidelines and get the COVID19 vaccine, including booster dose if available. Please follow SOT guidelines on uploading CDC-issued COVID19 vaccination card on Clear App to present digital vaccination QR code to gain access to the meeting.

Finally, we can utilize your help and time in making our specialty section even a better platform. Please visit our website and reach out to any of us with your interest to get involved.

I look forward to meeting you all in person at the Annual Meeting in San Diego! Enjoy reading the newsletter!

Satya Achanta
President, CTPVSS (2021-2022)
CTPVSS Sponsored events at SOT 2022

CTPVSS Membership Luncheon
Where: CC Room 3
When: 3/29/22 12:00pm - 1:30pm

Join the Comparative Toxicology, Pathology, and Veterinary Specialty Section for their Business Meeting and Luncheon. The event will include: a report of section activities in the past year, award announcements, introductions of the 2022-2023 officers, and ample networking opportunities to connect with colleagues. Food and drinks will be served. This event is open to all in-person Annual Meeting attendees interested in joining the section, regardless of current membership status with the hosting group. CTPVSS encourages wearing mask following local guidelines.

<table>
<thead>
<tr>
<th>Continuing Education Courses:</th>
<th>Symposium Session:</th>
<th>Regional Interest Session:</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM03: Evidence Map, Scoping Review, Rapid Systematic Review, and Systematic Review—And How to Conduct Them 3/27/22 8:15am - 12:00pm</td>
<td>All for One and One for All: One Environmental Health in Toxicology 3/28/22 1:45pm - 4:30pm CC Ballroom 6F</td>
<td>DDT Dump Site Off Southern California: Seafloor Survey, Ecological Impact, and Human Health 3/28/22 1:45pm - 4:30pm CC Ballroom 6F Chaired by our very own post doc rep: <strong>Caroline Moore</strong>, San Diego Zoo Wildlife Alliance University</td>
</tr>
<tr>
<td>AM05: Importance of Sexual Maturity and Reproductive Senescence in Laboratory Animal Models 3/27/22 8:15am - 12:00pm</td>
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Figure 1. Mission Bay Beach Sunset, San Diego (PC Caroline Moore)
For Mentees and Mentors!

Join us for our mentoring event with food and drinks co-sponsored by the Society of Toxicologic Pathology!

WHERE:  
Gas Lamp Fish House  
(411 Broadway, San Diego, CA 92101)

WHEN:  Wednesday, March 30th from 5:00 - 6:30 PM.

Do you need help planning your future career? Are you trying to decide among careers in academia, industry, or government?

Then come learn how we can elevate your career. Talk to mentors working in a wide variety of careers and share their personal and professional experiences in their chosen fields.

NETWORK with professionals in toxicology, pathology, and veterinary medicine. Email Caroline at camoore@sdzwa.org to reserve a spot!

Allergies: seafood, nuts.

CTPVSS looks forward to seeing you at the 2022 SOT Meeting in San Diego!

STP Mission: Be an international leader for improvement of human, animal, and environmental health using an interdisciplinary scientific approach based in pathology and toxicology.
Visit our CTPVSS Member Posters!

<table>
<thead>
<tr>
<th>Presenter</th>
<th>Poster #</th>
<th>Title</th>
<th>Session</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTPVSS Poster</td>
<td></td>
<td>See at the post-doc mixer and at the ToxExpo!</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gennadiy Bondarenko</td>
<td>3457a/P835</td>
<td>Quantitative Image Analysis Applications for Immunohistochemical Staining Evaluation in Toxicity Studies</td>
<td>Ocular Toxicology</td>
<td>3/28/22 9:00am-10:45am</td>
</tr>
<tr>
<td>Andressa Gonsioroski</td>
<td>P328/3193</td>
<td>Effects of Prenatal and Lactational Exposure to Iodoacetic Acid on the F1 Generation of Mice</td>
<td>Reproductive and Developmental Tox 1</td>
<td>3/28/22 2:30pm - 4:15pm</td>
</tr>
<tr>
<td>Jennifer M. Duringer</td>
<td>3391/P750</td>
<td>Association of ergot alkaloid profiles with insect tolerance in grass cultivars</td>
<td>Food Safety/Nutrition</td>
<td>3/28/22 2:30pm - 4:15pm</td>
</tr>
<tr>
<td>Jaclynn Andres</td>
<td>4072/P772</td>
<td>Role of Farnesoid X Receptor in Nitrogen Mustard-Induced Pulmonary Inflammation and Injury</td>
<td>Chemical threats and bioterrorism</td>
<td>3/29/22 10:45am - 12:30pm</td>
</tr>
<tr>
<td>Satya Achanta</td>
<td>4103/P803</td>
<td>Mouse Model of Phosgene Inhalation Injuries: Biomarkers and Drug Targets</td>
<td>Chemical Threats and Bioterrorism</td>
<td>3/29/22 10:45am - 12:30pm</td>
</tr>
<tr>
<td>Kendall Langsten</td>
<td>4185/ P114</td>
<td>Spontaneous Bone Metastasis and Antiestrogen Response in a Novel Estrogen Receptor-Positive Murine Breast Cancer Model</td>
<td>Animal Models</td>
<td>3/30/22 9:00am - 10:45am</td>
</tr>
</tbody>
</table>

Figure 3 Tourmaline beach, San Diego (PC Caroline Moore)
Furthering CTPVSS Impact

HELP US RECRUIT EMERGING TOXICOLOGISTS!

SOT ToxScholar program supports presentations to increase awareness of toxicology as a science and as a career field.

At institutions that are
• Primarily undergraduate
• With a high proportion of undergraduates from underrepresented groups
• In countries listed by the World Bank as low or middle income.

We need YOU to be a ToxScholar. Apply for funding.

Faculty United for Toxicology Undergraduate Recruitment and Education (FUTURE) Committee

Figure 4 Tidepools at Tourmaline Beach, San Diego (PC Caroline Moore)
Congratulations to all of our 2021 SOT award winners! Find out who won our 2022 SOT awards at our member luncheon!

Keep Us on Your Radar

AWARDS: Please check this out!! CTPVSS is excited and has worked hard to introduce several new successful awards this year to broaden our positive impact on the field.

1. Student Award (1st and 2nd place awards)
2. Trainee Award
3. Roger O. McClellan Student Award
4. Charles River Award
5. STP Student Award
6. Best Publication of the Year
7. Outstanding Early Career Scientist
8. Outstanding Mid-Career Scientist
9. Lifetime Achievement Award

Award Applications 2023: Awards

Check it out today: CTPVSS website

If you haven’t already, renew your SOT membership! During the SOT membership renewal process for 2022 you will be able to select the combined (SOT and CTPVSS) membership.
CPTVSS Member Highlights

We asked what you were proud of accomplishing during the pandemic and here are your responses! Thank you for contributing!

Jennifer M. Duringer, PhD
Assistant Professor (Sr. Research) and Director of the Endophyte Service Laboratory
Department of Environmental & Molecular Toxicology
Oregon State University

- I had a full functioning Endophyte Service Laboratory, which tests feed materials for mycotoxins and supports a continuation of my research program. And most importantly, the ability to provide in laboratory experience for undergraduate students.

Andressa Varella Gonsioroski, DVM, MS
Graduate student
Department of Comparative Biosciences
University of Illinois at Urbana Champaign

- I accepted an offer to be a resident in veterinary diagnostic and toxicologic pathology at MSU starting July 2022!

Katharine Ann Marie Horzmann, DVM, PhD, MPH, DACVP
Assistant Professor, Auburn University

- I received an NIH R15 grant!

Kendall Langsten, DVM, MS, DACVP
Fellow in Translational Medicine
Wake Forest School of Medicine

- I passed veterinary anatomic pathology specialty boards!

Caroline Moore, DVM, PhD
Scientist, Disease Investigations
San Diego Zoo Wildlife Alliance

- We set up a molecular lab in the remote Amazon jungle, run by early career Peruvian female scientists, uses solar energy, and helps process 1000+ samples/year across biota using technology on par with many US laboratories. So proud this work could happen in the middle of a pandemic.

Satya Achanta, DVM, PhD, DABT
Assistant Professor, Department of Anesthesiology
Duke University School of Medicine

- I received a two-year R21 grant from NIH CounterACT/NIEHS for my project, titled “Inhibition of Soluble Epoxide Hydrolase Protects Against Phosgene-Induced Lung Injuries.”
Job Posting

Auburn University College of Veterinary Medicine Department of Pathobiology has an opening for a full-time, tenure track position for an anatomic pathologist at the level of assistant, associate, or full professor. Advancing the research mission in the department, college, and university will be the primary responsibility for the selected candidate. While the distribution of effort will be determined by academic priorities, the ideal candidate will be expected to actively pursue extramural funding in order to maintain a high level of research and scholarly activity consistent with a 75% appointment in the research domain. Expectations of the type and scope of non-research-related activities such as teaching and diagnostic service will reflect this principal research focus, but the successful candidate will be expected to participate to some degree in the anatomic pathology residency training and graduate degree programs, teach in the professional and/or graduate curriculum, and contribute to diagnostic service and outreach mission of the College.

Minimum qualifications include:
1) DVM/VMD degree (or equivalent)
2) PhD degree in veterinary pathology or an allied discipline
3) Diplomate status in anatomic pathology from the ACVP, ECVP, RCP by start date

Additionally, the successful candidate must meet eligibility requirements for work in the United States at the time the appointment is scheduled to begin and continue working legally for the term of employment.

Desired qualifications include a record of research scholarship, demonstrated excellence in didactic classroom or small group instruction, and excellent written and interpersonal communication skills.

How to Apply / Contact
Please read more details about the position and apply online at https://www.auemployment.com/postings/26695. Review of applications will begin February 1, 2022 and continue until a candidate is recommended for appointment. For additional information, please contact the search committee chair: Dr. Jey Koehler, phone: 334-844-2667 email: jaw0007@auburn.edu.

Auburn University is an affirmative action/equal opportunity employer. It is our policy to provide equal employment opportunities for all individuals without regard to race, sex, religion, color, national origin, age, disability, protected veteran status, genetic information, sexual orientation, gender identity, or any other classification protected by applicable law. The university is understanding of and sensitive to the family needs of faculty, including dual-career couples.
Get involved with CTPVSS

Please Consider Supporting SOT CTPVSS Endowment Funds
Our joint SOT CTPVSS endowment fund, the Roger O. McClellan Student Award Fund, enables the CTPVSS to provide an award for outstanding DVM/PhD Students. Therefore, we ask that you consider supporting the endowment funds. Your contribution will enable CTPVSS to recognize an outstanding individual for her/his accomplishment in the Veterinary Toxicology field. To review the fund and donate, kindly visit the CTPVSS website.

Reminder: Update your SOT ToxChange Profile: Now is the time to update your SOT profile on ToXchange! This membership directory serves you and others in many ways, including for potential employers to search for their candidates, networking with current and future members, and for SOT members to reach out to potential mentors. Update your profile and help others!

Many Ways to Get Involved with CTPVSS
Finally, here are the various way by which you can get involved:

- Volunteer to serve on a CTPVSS committee
- Nominate yourself for an officer position
- Serve as a CTPVSS Mentor
- Attend Annual CTPVSS Luncheon
- Click here to join the SOT Comparative Toxicology, Pathology, and Veterinary Specialty Section!
- Email sothq@toxicology.org to contact us and receive more information about a career in comparative toxicology, pathology, and veterinary research!

Figure 7 Canyon Sin Nombre, Anza Borrego, CA (PC Caroline Moore)

Download the program & app for 2022 SOT Annual Meeting!
Discover in-person and remote options, along with vaccination requirements, on the SOT website.

Newsletter Committee:
Caroline Moore, DVM, PhD
Jaclynn F. Andres, BS, PhD candidate
Sonika Patial, DVM, PhD, DACVP