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Message from the President

2018 was a momentous and busy year for ACMT. Momentous because we celebrated ACMT's 25th Anniversary. Founded in 1993, ACMT has come a long way in the past 25 years. Our 2018 Annual Scientific Meeting (ASM) was our biggest to date, attracting 350 members and nonmembers from around the country and internationally. We presented over 170 research presentations, had some of our best keynote speakers, and celebrated ACMT's anniversary with a wonderful reception for founding members and past and present ACMT leaders. The venue – Washington DC – a big exciting city, was a departure from prior meetings that were held at resorts. We will continue this new metropolitan flavor 2019 ASM in San Francisco and 2020 ASM in NYC.

Of course, ASM was not the only educational activity on our busy plate. We organized another very successful Board Review Course in Chicago, and repeated our Opioid Legal Course in Dallas. In September, we also hosted our inaugural ACMT Total Tox Course that targets Emergency Providers and others interested in a comprehensive course in medical toxicology, a course we plan to repeat in December 2019 in Washington DC. We have continued to offer 3 webinars each month including National Case Conference, National Journal Club, ACMT Grand Rounds and our new monthly Addiction Medicine webinar series.

2018 marks the 9th year of our ToxIC Program (Toxicology Investigators Consortium), ACMT's multi-center research endeavor and registry. This cooperative effort of ACMT members all over the country has now published over 30 papers and 100 abstracts. We have some ongoing funding through a series of research grants and corporate and governmental support, and engage more members on a regular basis than any other ACMT endeavor. ToxIC welcomes additional participants – please contact toxic@acmt.net for further information.

ACMT is now in our 5th year of managing the PEHSU program (Pediatric Environmental Health Specialty Units), reflecting 20 years of continuous funding to ACMT from ATSDR, and in 2018, ACMT was awarded its third multi-year contract with the Department of Homeland Security to provide technical consultation.

ACMT has started to develop its own response to the Opioid Epidemic and how ACMT and medical toxicologists can make a difference. Our charitable arm, the Medical Toxicology Foundation (MTF) received its first grant – for $50,000 from the Independence Blue Cross Foundation – to provide buprenorphine administration education to emergency providers in Philadelphia. Additionally, ACMT's Board of Directors approved a new position statement on the use of buprenorphine in the Emergency Department.

Many many thanks to all the member volunteers who have led these initiatives and have shared their content expertise, leadership, experience, and passion with all of our members. And kudos to the great ACMT staff – now 11 full-time and 2 part-time – all who go to work each day for ACMT.

2018 also marks 10 years of service to ACMT from the Executive Assistant Tricia Steffey. So much of what we have accomplished over these last 10 years is due to Tricia's dedication, perseverance, and always pleasant demeanor. Finally, 2018 marks 10 years of my service as Executive Director (after a prior 10 years of service on the Board of Directors). I look forward to ACMT's future and continuing to have the opportunity and privilege to help assist in driving ACMT's societal impact and success.

The 2018 ACMT Annual Report highlights another busy year for ACMT! Our portfolio of activities, in-person and web education, and collaboration with other organizations continue to grow. As Paul mentioned, the 2018 Annual Scientific Meeting had record-breaking number of attendees and research submissions. Each ASM takes 18 months of continuous planning, organizing and promoting. The growing popularity of each conference is a testament to our outstanding speakers, dedicated committees and organizers and diligent staff who keep everything running smoothly.

As you read this report, please note the level of member participation in ACMT programs such as conferences, publications, outreach and committee involvement, the College is stronger than ever, thanks to all of you.

ACMT is entering a time of change as 2018 is the final year of our management of the PEHSU program and activities with other entities increase. As always, we will keep members up-to-date with new collaborations and opportunities.

A special thank you to founding ACMT members who contributed 25th Anniversary articles throughout the year featuring their observations on how ACMT and medical toxicology have changed since 1993. No one predicted we would have more than 800 board-certified members 25 years later!

2018 is the final year of my term as ACMT president. Michelle Ruha, MD, FACMT, will begin her term in early 2019 with a renewed emphasis on communication. As president of ACMT for the past 2½ years, I am especially proud of the impact our College has had through well-informed and timely position statements, and our members’ collaborations with other national organizations and agencies – whether helping focus concern on what constitutes risk in a fentanyl exposure, dealing with the prospect of chemical terrorism, or environmental exposures to any number of emerging chemicals of concern.

Thank you again for all your support for ACMT.

Message from the Executive Director

Paul Wax, MD, FACMT

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Welcome
2018 New Members

FULL MEMBERS

Members who are newly certified in the sub specialty of Medical Toxicology by the American Board of Emergency Medicine (ABEM), the American Board of Pediatrics, or the American Board of Preventive Medicine and became Full Members of the College in 2018.

Ann Arens, MD
Justin Arnold, DO, MPH
Robert Bassett, DO
Rebecca Bruccoleri, MD
Peter Casten, MD, MPH
Daniel Colby, MD
Matthew Cook, DO
Derek Eisonor, MD
Denise Fernandez, MD
Jakub Fumaga, MD
Will Heise, MD
Joshua King, MD
Kathryn Kopec, DO
Gregory LaSala, MD
Christopher Lim, MD
Rita McKeever, MD
Alexander Miller, MD
Jennifer Parker Cote, MD
Mehruba Parris, MD
Meghan Spyres, MD
Greg Swartzentruber, MD
An Tran, DO
Katharine Welker, MD

ASSOCIATE MEMBERS

Physicians who have successfully completed a residency-training program in a primary medical specialty and who are enrolled in a medical toxicology training program.

Shaikhah Alotiabi, MD
Saeed Alqahtani, MBBS
Sukhshant Atti, MD
Alexandre Barbuto, MD
Mitchell Bellis, MD
Mary Billington, MD
Elizabeth Black, MD
Adam Blumenberg, MD
Michael Chary, MD, PhD
Justin Corcoran, MD
Amelia Curtis, MD
Diana Dean, MD
John Downs, MD, MPH
Muhammed Ershad, MBBS
Steven Fishburn, MD
Han Gao, MD
Charlotte Goldfine, MD
Laurie Halmo, MD
Aliya Kamani, MBBS
Marissa Kopatic, MD
Sean McCann, MD
Kevan Meadors, MD
Omid Mehrpour, MD
Lauren Murphy, MD
Aynur Sahin, MD, PhD
Kartik Shah, MD
Rachel Shively, MD
Stephanie Weiss, MD

RESIDENT MEMBERS

Physicians who are currently enrolled in a training program in any medical specialty who have an interest in medical toxicology.

Yasir Al-Khalili, MD
Saeed Alqahtani, MBBS
Sukhshant Atti, MD
Alexandre Barbuto, MD
Mitchell Bellis, MD
Mary Billington, MD
Elizabeth Black, MD
Adam Blumenberg, MD
Michael Chary, MD, PhD
Justin Corcoran, MD
Ari Filip, MD
Gregory Maker, DO
Joshua McFalls, MD
Jonathan Meadows, DO, MPH
Laura Rooper, MD
Colin Theriault, MD
Michelle Thompson, DO
Kelly Wong, MD

STUDENT MEMBERS

Students enrolled in a medical school who have an interest in medical toxicology.

Adiel Aizenberg, MD
Joshua Sawyer, DO
Samuel Grets, MD
Justin Kirkland, MD

The ACMT Membership Committee is proud to announce Fellow(s) of the College (FACMT) who were inducted in 2018. Physicians who are full members of ACMT are eligible to apply. Criteria includes significant involvement in the practice, research, and teaching of medical toxicology, as well as contributions in poison center medical affairs, public service, and service to ACMT.

FACMT INDUCTEES

Nahar D. Alruwaili, MBBS, FACMT
Rittirak Othong, MD, FACMT
Wui Ling Chan, MBBS, FACMT
Joseph Rasimas, MD, PhD, FACMT
Joseph D’Orazio, MD, FACMT
Mark Sutter, MD, FACMT
David H. Jang, MD, FACMT
Andrew Topliff, MD, FACMT
Nancy G. Murphy, MD, FACMT
Anselm Wong, MBBS, FACMT
MISSION STATEMENT
Advancing the toxicologic care of patients and populations; and advocating for the specialty of medical toxicology.

VISION STATEMENT
Everyone will know the essential role and value of the medical toxicologist.

VALUES
- Advocacy: Advocate for the care of toxicologic patients and individuals with substance abuse disorders.
- Education: Promote and sustain continuous learning and competency in medical toxicology and serve as the education leaders for other health care providers and the public.
- Global Health: Advocate for the specialty of medical toxicology globally. Collaborate with health care providers globally through education and research.
- Innovation: Lead change in the field of medical toxicology.
- Integrity: Be ethical, transparent, and evidence-informed in our communications with our patients and the public.
- Leadership: Guide change and set the standards that will chart the course of medical toxicology.
- Membership: Provide our members with mentorship and high quality benefits and encourage diverse practices and career fulfillment.
- Patient Care: Provide high quality direct patient care in a variety of clinical settings.
- Research: Create research opportunities that yield new toxicologic knowledge and translate it into clinical care and public health improvement.

GOALS
- Establish the Value of Medical Toxicology
- Establish Membership Value
- Enhance Member Engagement
- Advance the Understanding of Toxic Exposures

The 2018 ACMT Annual Scientific Meeting was a great success! It was ACMT’s highest attended event to date, with 331 attendees (next largest was 2016 ASM in Huntington Beach with 239 registrants). Highlights included featured presentations by Marilyn Huestis, PhD, Luanne Thorndyke, MD, and Arthur Kellermann, MD.

A big thank you to lead organizers Ayrn O’Connor, MD, FACMT, and Andrew Stolbach, MD, MPH, FACMT, for developing and coordinating such a high quality conference!

ORIGINIAL RESEARCH
In the theme of “record breaking” 2018 ASM also broke records in the area of original research and the number of abstracts submitted. With 225 submitted abstracts, 2018 ASM saw a 50% increase from 2017 (145 submitted abstracts). The next largest was 2016 ASM in Huntington Beach with 160 submitted abstracts.

The growth of this vital and valuable aspect of ASM is due in large part to the guidance and leadership of William “Russ” Kerns, II, MD, FACMT, (pictured left) who has led these efforts as the Chair of the ACMT Research Committee and who is stepping down from this position in 2018. Thank you, Russ, for your many years of service to this committee!

ASM ATTENDANCE AT-A-GLANCE
Registration for the ACMT Annual Scientific Meeting keeps growing!

<table>
<thead>
<tr>
<th>Year</th>
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</tr>
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<tbody>
<tr>
<td>2018</td>
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<tr>
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</tr>
<tr>
<td>2015</td>
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<tr>
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ASM ABSTRACTS AT-A-GLANCE

<table>
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<th>Year</th>
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<td>2015</td>
<td>160</td>
<td>116</td>
<td>73%</td>
</tr>
<tr>
<td>2014</td>
<td>132</td>
<td>96</td>
<td>73%</td>
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</tbody>
</table>
The second part of the symposium focused on Chemical Security and included an expert group of researchers, disaster response personnel, and educators who provided insight into chemical terrorism and HazMat response. Topics included perspectives on terrorism and HazMat response.

STIMULUS LAB
Don’t Touch, Taste, or Smell!

In honor of ACMT’s 25th Anniversary, in ACMT hosted a hands-on Stimulus Lab at ASM, a sensory educational experience roughly based on the original Medical Toxicology board exam “Smells Room.” 53% of registrants visited multiple stations that involved demonstrations, unique smells and image recognition. It was set up as a test format with questions and a prize for the person with the highest score.

A special thank you to the organizers for their dedication! Kathy Kopeck, DO, Michael Beuhler, MD, FACMT, and Bryan Judge, MD, FACMT.

Congratulations to Brett Cherrington, MD, the winner of the 2018 ACMT Stimulus Lab exam.

VIRTUAL STIMULUS

The 2018 Virtual Stimulus featured a government theme in honor of the Annual Scientific Meeting being held in Washington DC.

The following members won prizes:
Medical Resident: Nathan Kunzler, MD, Harvard Affiliated EM Residency Program
Fellow-in-Training: Laura Tortora, MD, Banner-University Medical Center Phoenix
Fellow-in-Training: Erik Fisher, MD, Banner-University Medical Center Phoenix
Attending: JJ Rasimas, MD, PhD, FACMT, Hennepin County Medical Center, Minneapolis

ACMT Recognition Awards

ACMT Award for Significant Contributions to Research in the Field of Medical Toxicology: Kennon Heard, MD, FACMT

ACMT Outstanding Service to the College Award: Steven Aks, DO, FACMT

Education Committee Service Award (New): Christina Hantsch, MD, FACMT

Annual Scientific Meeting Awards

Best ToxIC Presentation Award from 2017 ASM: Michelle Ruha, MD, FACMT and Co-Authors ‘The epidemiologic and clinical characteristics of snakebites in the North American Snakebite Registry’

Best Oral Research Platform Award from 2017 ASM: Britany Chapman, MD, UMass Medical School

2018 ASM Best Original Research Platform Award: David Jang, MD, FACMT, ‘The use of mitochondrial-directed therapy to improve respiration in red blood cells with in vitro exposure to cyanide’

2018 ASM Open Mic Competition winner: Sarah Shafar, MD, ‘Alchemy Realized’

MedTox Shark Tank FIT Research Forum scholarship awardees: Evan Bradley, MD, and Ryan Marino, MD

MTF Travel Awards

Michael P. Spadafora Medical Toxicology Travel Award: Nathan Kunzler, MD

SAEM Michael P. Spadafora Award: Anita Mudan, MD

Travel Award for Underrepresented Minority Medical Trainees: Eddie Garcia, MD

Registration for the Satellite Sessions keeps growing!

2018 - Toxic Threats: 122
2017 - Epidemic of Addiction: 82
2016 - MRO & Beyond: 73
2015 - Addiction Medicine Academy: 91
2014 - Technotox: 92
2018 CONFERENCES

Board Review Course
September 5-7, 2018
Chicago, IL

The 2018 Board Review Course was a great success with 168 attendees, more participants than ever before!

To increase course offerings, the organizers, with the help of ACMT volunteers:

- Developed 370 online and print Flashcards
- Added 96 questions to the Quiz Bank (919 Qs are now offered in the Quiz Bank).
- Added index of slides to the print syllabus
- Created 2 self-directed modules

Thank you to lead organizers Evan Schwarz, MD, FACMT, and Michael Levine, MD, FACMT, for further developing this course and for continuing to deliver the high quality course content this event has become known for.

ACMT Total Tox Course
September 5-7, 2018
Chicago, IL

At the core of ACMT’s mission to advance the toxicologic care of patients and populations is also our acknowledged value in “promoting and sustaining continuous learning and competency in medical toxicology and to serve as the education leaders for other health care providers and the public." With this in mind, in 2018 ACMT developed the Total Tox Course, a comprehensive review of the scope of medical toxicology taught by ACMT Members to other health care providers like Emergency Medicine Physicians, Pharmacists, Nurse Practitioners, and Operational/Tactical Specialized Practice Medics, among others.

ACMT is pleased to announce that we had a fantastic turnout for an inaugural event with 92 attendees. While the majority of attendees were local to Chicago, the course had broad appeal and an international audience, attracting attendees from as far as Finland, Japan, and Tasmania.

Because 36% of the attendees were pharmacists, ACMT will offer Continuing Pharmacy Education (CPE) credits at the second course coming up on December 9-11, 2019 in Washington, DC.

Thank you to lead organizers Christina Hantsch, MD, FACMT, and Katherine Katzung, MD, for developing this new addition to ACMT’s educational offerings!

ACMT Activities at NACCT
October 25-29, 2018
Chicago, IL

ACMT kicked-off NACCT 2018 with the Pre-Meeting Performance and Enhancing Agents 360 on Thursday, October 25. The event featured expert speakers from sports toxicology, sports medicine, military medicine, veterinary medicine, analytical testing, sports law, supplement development, and event planning; and explored what every toxicologist needs to know about doping, drug-testing impact management, the administration of testing at large-scale sporting events, and the influence of high profile use of performance enhancing agents on the general public.

On Friday, Jeffrey Suchard, MD, FACMT, hosted the 20th ACMT Clinical Pathophysiology Competition (CPC). The winners of the CPC were Eric McGillis, MD (Best Presenter) and Ann Arens, MD (Best Discussant). On Saturday, the ACMT Practice Symposium featured a panel of speakers to discuss God and Man at the Bar: Addiction, Sobriety and Spirituality, moderated by Gerald O’Malley, DO, FACMT. The same day Jeffrey Brent, MD, PhD, FACMT, hosted the ACMT FIT Roundtable which discussed The Role of Medico-Legal Consulting in Your Medical Toxicology Career. On Sunday, Jerry Leikin, MD, FACMT, moderated the ACMT Scientific Symposium on Hypersensitivity Issues in Occupational Exposures, and we concluded the next day on Monday, October 29 with the ACMT FIT Visiting Professor Lecture on Pursuing a Research Career as a Medical Toxicology Young Investigator: The Good, the Bad and the Ugly, organized by Navneet Cheema, MD, and Patrick Lank, MD.

As always, NACCT was filled with a busy schedule of committee meetings, networking, posters, and fantastic plenary sessions. Thank you to the many ACMT volunteers, most especially lead organizer Christina Hantsch, MD, for putting together such an exciting program.

Seminar in Forensic Toxicology
December 13-14, 2018
Dallas, TX

Due to the popularity of the 2017 Seminar in Forensic Toxicology “Opioids, Toxicology and the Law: Medical-Legal Aspects of the Opioid Epidemic,” ACMT held an encore presentation on December 13-14, 2018 at The Highland in Dallas, TX.

The event had 77 attendees and was described in the course survey as “Outstanding!”. Thank you to lead organizers Paul Wax, MD, FACMT, Charles McKay, MD, FACMT, and Lewis Nelson, MD, FACMT, for offering this course to a new audience.
Webinars

ACMT hosted 35 webinars to nearly 5,000 members in 2018. Our regularly scheduled National Case Conference, Grand Rounds, and National Journal Club are led by ACMT members and other experts in medical toxicology. The Addiction Medicine Case Conference was launched in May, 2018.

Three Ad Hoc webinars were also held in 2018. The Women in Tox Section held two webinars, attended by a total of 85 members, and the Legal Section held one webinar, attended by 106 members.

Webinars can be attended online live, or streamed online anytime. Thank you to all hosts and participants for your time and effort!

Med Tox Video Library

The ACMT Education and Fellowship Directors Committees launched the Med Tox Video Library, which offers web presentations by ACMT members on esoteric topics that may not always be thoroughly covered at all fellowship programs.

This video library offers presentations by ACMT members for residents and fellows on esoteric topics that may not always be thoroughly covered at all fellowship programs. A special thank you to Gillian Beauchamp, MD, for her work in developing and coordinating this project!

<table>
<thead>
<tr>
<th>Topic</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>Breastmilk Toxicology</td>
<td>Robert G. Hendrickson, MD, FACMT</td>
</tr>
<tr>
<td>The Hill Criteria And Research Basics</td>
<td>James Chenoweth, MD, MAS</td>
</tr>
<tr>
<td>Rodenticides</td>
<td>Joshua Radke, MD</td>
</tr>
<tr>
<td>Radiation</td>
<td>Alicia Minns, MD</td>
</tr>
<tr>
<td>Loxoscelism</td>
<td>Adam Alger, MD</td>
</tr>
<tr>
<td>Antivirals</td>
<td>Nick Connors, MD</td>
</tr>
<tr>
<td>Organic Chemistry Structures</td>
<td>Stephanie Weiss, MD</td>
</tr>
<tr>
<td>Abortifacients</td>
<td>Spencer Greene, MD, FACMT</td>
</tr>
</tbody>
</table>

ACMT Collaborates with Academic Life in Emergency Medicine (ALiEM) to Present ACMT Visual Pearls Series

Under the leadership of Louise Kao, MD, FACMT, we continue to offer “Visual Toxicology Pearls” on the Academic Life in Emergency Medicine (ALiEM) website. The ‘pearls’ are sample emergency cases with expert analysis and treatment answers written by volunteer ACMT members for readers of the ALiEM Blog. 2018 is our second year collaborating with ALiEM on this project, and this year’s four pearls had a collective 4,720 online views.

ACMT is looking for submissions from our members for this exciting educational opportunity!
ACMT’s ToxIC Registry is a unique database of patient cases who present in the acute care or clinical setting where a medical toxicologist is consulted. The registry, which is accessible to all ACMT members, provides a reliable clinical data on patients. The database continues to grow with 35 active sites and more than 65,000 cases nationwide on topics including the North American Snakebite Registry, Synthetic Cannabinoid use data, and poisoning by plants.

Approximately 8,000 cases are added each year under the leadership team of Jeffrey Brent MD, PhD, FACMT, (Principal Investigator), Paul Wax, MD, FACMT, (Co-Principal Investigator), Diane Calello, MD, FACMT, (Director of Site Coordination and Research), Sharan Campleman PhD, MPH, DABT, (Program Manager) and Shao Li, MPH, (Toxicology Data Quality Associate).

**ACMT Quality Measures Approved by The Centers for Medicare & Medicaid Services**

The first-ever medical toxicology measures approved by CMS are instrumental to help improve patient care and safety. In January 2018, The Centers for Medicare & Medicaid Services (CMS) announced that they have approved six quality measures developed by ACMT. These are the first-ever medical toxicology quality measures approved by CMS, and are now among hundreds of measures that physicians can report to CMS as part of their Merit-Based Incentive Payment System (MIPS) program.

CMS also certified ACMT’s Toxicology Investigators Consortium (ToxIC) Registry as a Qualified Clinical Data Registry (QCDR). ToxIC, founded in 2010, is a unique multicenter toxico-surveillance and research network comprised of physicians specifically qualified in the field of medical toxicology. Using the ToxIC QCDR, medical toxicologists can now choose from reporting measures of medical toxicology. Using the ToxIC QCDR, medical toxicologists can now choose from reporting measures of medical toxicology.

**The six CMS-approved measures include:**

- Screening for risk of opioid misuse
- Pregnancy test in women who receive toxicologic consult
- EKG assessment in acute overdose
- Treatment for acetaminophen ingestions
- Assessment of suspected ethylene glycol or methanol exposures
- Repeat assessment of salicylate concentrations in overdose patients

With these measures, physician medical toxicologists can accurately report on the treatment of common poisonings such as acetaminophen and salicylate poisonings as well as screening for evidence of opioid abuse.

“In a rapidly evolving healthcare system that is moving quickly toward quality-based payment, this is an important step for ACMT to guide our members and medical toxicologists across the country,” adds ACMT President, Charles McKay, MD.

**ToxIC Abstracts Presented at the 2018 Annual Scientific Meeting**

Several abstracts by ToxIC Investigators were presented at 2018 ASM in Washington, DC on topics including:

- Fentanyl exposures
- Sex differences in poisonings among older adults
- Synthetic cannabinoid exposure
- Sodium Bicarbonate therapy

**ToxIC and NDEWS Collaborate to Identify Emerging Drugs and Trends Nationwide**

In October 2018, ToxIC partnered with the National Drug Early Warning System (NDEWS) to develop a capability to identify emerging drugs and drug trends encountered by medical toxicologists during patient consultations and toxicology evaluations. Using data from ToxIC we are highlighting cases involving novel and emerging exposures in approximately 35 sites across the U.S. This is an exciting new use of the registry and reflects its capacity as a powerful national research tool.

**Two ToxIC Briefs were published in late 2018:**

- ToxIC Brief Issue 1: Overview of the Toxicology Investigators Consortium
- ToxIC Brief Issue 2: Novel Synthetic Opioids Cases Reported to the ToxIC Registry, August–October 2018

**2018 ToxIC Publications**


Positions & Guidelines

In January, ACMT published ‘Addressing the Rising Cost of Prescription Antidotes.’

In response to unprecedented increases in the costs of antidotes, this ACMT Position Statement calls upon providers, hospitals, formularies, pharmaceutical industry, government, insurance companies and pharmacy benefit managers to adopt practices to ensure that antidotes are available to our patients, and priced based on value and cost.

In December, ACMT published ‘Buprenorphine Administration in the Emergency Department.’ ACMT supports the administration of buprenorphine in the emergency department (ED) as a bridge to long-term addiction treatment. Furthermore, ACMT supports the administration of buprenorphine to patients in the ED to treat opioid withdrawal and to reduce the risk of opioid overdose and death following discharge. This position has been endorsed by the American Academy of Emergency Medicine (AAEM) and the American College of Emergency Physicians (ACEP).

The 2017 ACMT and AACT Position Statement ‘Preventing Occupational Fentanyl and Fentanyl Analog Exposure to Emergency Responders’ which outlines the low risk of passive fentanyl exposure for emergency workers, continued to make headlines throughout 2018. The ACMT Communications Task Force still receives frequent requests for expert knowledge by Medical Toxicologists on this topic.

ACMT Collaborates on ‘Fentanyl: The Real Deal, a Training Video for First Responders’

In August, the Department of Justice, in partnership with nine additional Federal departments/agencies and 24 stakeholder associations/organizations, including ACMT, released Fentanyl: The Real Deal. The video, designed for roll call training, reinforces key messages from the Fentanyl Safety Recommendations for First Responders, which ACMT also collaborated on, released in November 2017.

America’s first responders – including law enforcement officers, firefighters, and emergency medical services (EMS) providers – are increasingly likely to encounter fentanyl and other synthetic opioids during the course of their daily activities, such as responding to overdose calls and conducting traffic stops, arrests, and searches.

ACMT maintains that the risk of accidental opioid ingestion is “extremely low.” Gloves almost always provide enough protection; masks are necessary only in exceptional cases.”

About the Medical Toxicology Foundation

The Medical Toxicology Foundation (MTF), formed in 2009, is the charitable arm of the ACMT and works to sustain and improve the practice of medical toxicology and is committed to funding toxicology education and research programs.

2018 was another busy year for the MTF! Below are a few highlights:

- The MTF Board of Directors updated its vision and mission statements and its strategic plan allowing for the addition of programs and awards that align with ACMT member and donor expectations.
- Received an education grant from Independence Blue Cross Foundation under the Supporting Treatment and Overdose Prevention (STOP) program (details at right).
- A new MTF logo was introduced and an updated, informative website was launched in October.

In 2018, MTF raised $68,423 in donations

We encourage ACMT members to donate to the Medical Toxicology Foundation to advance research and education in our field.

By supporting the MTF, you play an integral role in advancing patient care, while ensuring the future of medical toxicology.

As the MTF strives towards a brighter future for medical toxicology, we count on continued generosity from our supporters. No other organization is better equipped to help meet the demand for better patient care today while advancing the course of education and research that will yield tomorrow’s medical breakthroughs.

New Grant to Combat Opioid Overdoses

In December, MTF received a grant from the Independence Blue Cross Foundation under the Supporting Treatment and Overdose Prevention (STOP) program to present: Curbing the Opioid Crisis in Philadelphia: Increasing Emergency Department Initiation of Buprenorphine-Naloxone for Opioid Use Disorder

Under the direction of Jeanmarie Perrone, MD, FACMT, the program is designed to educate attending physicians and medical residents on administration of buprenorphine in the emergency department (ED) for opioid overdose patients. A one-hour presentation and follow-up will be offered several times throughout 2019. Buprenorphine treats opioid addiction by easing withdrawal symptoms and cravings.
PUBLICATIONS

Publishing cutting-edge and relevant medical toxicology scholarship.

As the official journal of ACMT, the Journal of Medical Toxicology (JMT) is managed by an editorial board of 23 prominent toxicologists and an advisory board of internationally recognized experts who are dedicated to publishing research that is relevant to medical toxicologists, emergency physicians, critical care specialists, pediatricians, pre-hospital providers, occupational physicians, substance abuse experts, veterinary toxicologists, and policy makers.

JMT articles generated considerable interest among research experts and media outlets worldwide. A JMT editorial on the toxic effects of microplastics was among the Top 10 most downloaded articles among all SpringerNature journals in the category of Pharmacology and Toxicology in 2018.

In 2018, a new Sharedit initiative with SpringerNature was launched, which allows authors to post their full-text research articles on social media platforms and in institutional repositories to share with colleagues and general audiences.

Our popular Tweetchat #firesidetox attracts a diverse group of toxicologists, learners, and members of the public in a virtual journal club setting to discuss high impact papers published in JMT.

“It continues to amaze me how the quality of research submitted to JMT improves each year. The innovations of our authors, the constructive insights of our peer reviewers, and the diligence of our expert editors benefit poisoned patients by advancing the science and practice of medical toxicology.”

Mark B. Myczyk, MD, FACMT, Editor-in-Chief Journal of Medical Toxicology

OUTREACH: NEW IN 2018

ACMT Launches New Podcast

In 2018 ACMT members Elissa Moore, DO, and Gillian Beauchamp, MD, launched an evidence-based medical toxicology core content and trending topics in easily digestible bites.

We continued quarterly Tweet Chats, moderated by member Peter Chai, MD, which joins medical toxicologists, other physician specialists, allied health professionals, and laypersons, in discussions about toxicology topics of shared interest.

A JMT article serves as the focal point for each Tweet Chat. Topics in 2018 included:

- Medical Toxicology Training with Louise Kao, MD
- An Overview of The North American Snakebite Registry with Michelle Ruha, MD
- The ACMT Position Statement ‘The Role of Clinical Pharmacists in the Emergency Department’ with Brenna Farmer, MD and Lewis Nelson, MD, PhD

ACMT continued to expand its outreach through social media in 2018, with an increased focus on engaging the toxicology community.

ACMT Joins the Coalition to Stop Opioid Overdose

In June, ACMT joined The Coalition to Stop Opioid Overdose. The coalition brings together mental health, substance use disorder, and health care professional organizations united around policy goals to reduce opioid overdose deaths. Learn more.

The ACMT Connection

In 2018, ACMT continued to send a monthly E-news ‘The ACMT Connection’ to our membership. ACMT updates, conference information and other news and opportunities for members are now delivered in one, concise email.

2018 JMT AT-A-GLANCE

- JMT received submissions from over 30 different countries
- More articles were accepted from Europe and Asia in 2018 than ever before
- Average time to decision is 16 days, among the fastest in peer reviewed journals
- Average time to publication online after acceptance is 21 days
- All submissions that include any numbers are now reviewed by a statistics editor
- JMT articles have been downloaded 138,714 times
- 195 CME credits were awarded to peer reviewers for 2018 service to JMT as part of a unique cooperative agreement JMT has with the CDC
- JMT remains committed to the guidelines and best practice recommendations issued by the International Committee of Medical Journal Editors (ICMJE) and the Committee on Publication Ethics (COPE)
- Three new editors were recruited to join the editorial board of JMT: Gillian Beauchamp, MD, Peter Chai, MD, and Katherine O’Donnell, MD.

Websites & Social Media

In 2018, ACMT redesigned our main website, acmt.net, and the Medical Toxicology Foundation website, acmt.net/mtf. Both sites have new and improved resources and a modern look.

ACMT hosts several Twitter accounts including @ACMT, @JMTtweets, and @WomeninTox. Combined, we have more than 4,200 followers, many of whom are in the field of medical toxicology. ACMT is also on Facebook @AmericanCollegeMedTox. Follow us!

Visit Journal on acmt.net
Visit Online Learning on acmt.net
Visit ACMT News on acmt.net

Visit Online Learning on acmt.net
Visit ACMT News on acmt.net
2018 Committees & Sections

COMMITTEES

Addiction Medicine Committee
Chair: Timothy Wiegand, MD, FACMT
Co-Chair: JoAn Laes, MD

Awards Committee
Chair: Leslie Dye, MD, FACMT

Clerkship Council Committee
Chair: Ziad Kazzi, MD, FACMT

Education Committee
Chair: Bryan Judge, MD, FACMT

Fellowship Directors Committee
Chair: Tony Pizon, MD, FACMT

International Committee
Co-Chairs: Ziad Kazzi, MD, FACMT and Rais Vohra, MD, FACMT

Membership Committee
Chair: Evan Schwarz, MD, FACMT

Nominations Committee
Chair: Charles McKay, MD, FACMT

Position Statements and Guidelines
Chair: Andrew Stolbach, MD, FACMT

Practice Committee
Co-Chairs: Tim Wiegand, MD, FACMT and Danyal Ibrahim, MD, FACMT

Research Committee
Chair: Maryann Amirshahi, MD, PhD, FACMT

SECTIONS

Communications Section
Chair: Michelle Ruha, MD, FACMT

Government Section
Chair: Keith Burkhart, MD, FACMT

Industry Section
Chair: S. Eliza Dunn (Halcomb), MD, FACMT

International Section
Chair: Ziad Kazzi, MD, FACMT

Legal and Consultative Section
Chair: Brent Furbee, MD, FACMT

Medication Management Section
Chair: Brenna Farmer, MD, FACMT

Military Section
Chair: Shaun Carstairs, MD, FACMT

Pediatric Section
Chair: Shan Yin, MD, FACMT

Recent Graduate Section
Co-Chairs: Michael Darracq, MD, Kate Katzung, MD, and Derrick Lung, MD

Women in Tox Section
Chair: Ayrn O’Connor, MD, FACMT

2018 Board Members

Thank You

ACMT ANNUAL REPORT 2018  P. 19

2018 Board Members

Thank You

ACMT ANNUAL REPORT 2018  P. 20

BOARD of DIRECTORS ELECTION

Three-year terms began in April 2018 for the following members:

David Juurlink, MD, PhD, FRCP, FAACT, FACMT (First term) is Professor of Medicine, Pediatrics and Health Policy at the University of Toronto, where he combines clinical work, teaching and research, much of it focused on drug safety and deliberate self-harm.

Andrew Stolbach, MD, MPH, FACEP, FACMT (First full term) is Associate Professor of Emergency Medicine at Johns Hopkins, where he serves as co-Chair of IRB and teaches toxicology to first- through fourth-year medical students. He is also a consultant to the Maryland Poison Center.

Ziad Kazzi, MD, FAAEM, FACEP, FACMT (Second term) is Associate Professor in the Department of Emergency Medicine and Director of the International Toxicology Postdoctoral Fellowship Program at Emory University. He is also the Assistant Medical Director of the Georgia Poison Center and a medical toxicologist at the Radiation Studies Branch of the National Center for Environmental Health at the CDC.

ACMT ANNUAL REPORT 2018  P. 19

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The ACMT Board of Directors and ACMT staff members are very grateful for the volunteer service of members who contribute to ACMT activities, programs, and committees. We would like to provide special recognition to the following members who have provided exceptional service during 2018:

Steven Aks, DO, FACMT
Cook County Hospital, Chicago, IL
National Journal Club

Badria Al Hatali, MD, FACMT
Ministry of Health, Muscat, Oman
International Committee

Maryann Amirshahi, MD, PharmD, FACMT
MedStar Washington Hospital Center, Washington, DC
Research Committee

Gillian Beauchamp, MD
Lehigh Valley Health Network, Allentown, PA
Education Committee, Tox-in-Ten Podcast

Jeffrey Brent, MD, PhD, FACMT
University of Colorado, Denver, CO
ToxIC Registry

Rebecca Brucoleri, MD
Vanderbilt University, Nashville, TN
Clerkship Council of Medical Toxicology

Peter Chai, MD
Brigham and Women’s Hospital/Harvard Medical School, Boston, MA
Tweet Chats

Jon B Cole, MD, FACMT
Hennepin Healthcare and Minnesota Poison Control System, Minneapolis, MN
Research Committee

Nicholas Connors, MD
Medical University of South Carolina, Charleston, SC
Position Statements and Guidelines Committee

Mike Darraj, MD, MPH, FACMT
UCSF Fresno, Fresno, CA
Recent Grad Section

Derek Eisonor, MD
Medical Toxicology, St. Augustine, FL
Addiction Medicine, Practice Committees

Brent Furbee, MD, FACMT
Indiana Poison Center, Indianapolis, IN
Education Committee, Forensic Course, Legal Section
Webinar

Fiona Garchik, MD
University of Southern California, Santa Monica, CA
Women-in-Tox Section

Spencer Greene, MD, FACMT
Baylor College of Medicine, Houston, TX
ToxIC North American Snakbite Registry

Howard Greller, MD, FACMT
St. Barnabas Hospital, New York, NY
ACMT Forum Moderator

Christina Hantsch, MD, FACMT
Loyola University Medical Center, Maywood, IL
Education Committee, Total Tox Course Organizer, ACMT at NACCT Organizer

Christopher Holstege, MD, FACMT
University of Virginia, Charlottesville, VA
Education Committee, Forensic Course

Jeena Jacob, MD, PharmD
Rutgers New Jersey Medical School, Newark, NJ
Fellowship InService Exam

David Jang, MD, MSc, FACMT
University of Pennsylvania Perelman School of Medicine, Philadelphia, PA
Shark Tank Research Forum

Katherine Katzung, MD
Abbott Northwestern Hospital, Minneapolis, MN
Education Committee, Total Tox Course Organizer

Kathryn Kopeck, DO
Carolina Medical Center, Charlotte, NC
Research Committee, Education Committee, International Committee, ASPM Planning

Michael Kosnett, MD, MPH, FACMT
University of Colorado School of Medicine / Colorado School of Public Health, Denver, CO
ASM/Satellite Session Planning

JoAn Laes, MD
Hennepin County Medical Center, Minneapolis, MN
Addiction Medicine Committee, Practice Committee, Assisted organizing ADM meetings at NACCT and the ACMT workshop series at ASAM

Jeff Lapoint, DO
Kaiser Permanente, San Diego, CA
JMT Podcast

Gregory Lasala, MD
St. Joseph Hospital, Orange, CA
JMT Podcast

Michael Levine, MD, FACMT
Keck Medical Center of USC, Los Angeles, CA
Education Committee, Board Review Course Organizer

Erica Liebelt, MD, FACMT
Washington Poison Center, Seattle, WA
Medical Toxicology Foundation

Jennifer Love, MD
University of Pennsylvania Health System
Philadelphia, PA
Women-in-Tox Section

Elizabeth Moore, DO
Keck Medical Center of USC, Los Angeles, CA
Women-in-Tox Section, Tox-in-Ten Podcast

Michael Moss, MD
Utah Poison Control Center, University of Utah Salt Lake City, UT
Position Statements and Guidelines Committee

Mark Mycyk, MD, FACMT
Toxikon Consortium, Cook County Hospital
Chicago, IL
Tweet Chats

Nicholas Nacca, MD
University of Rochester Medical Center, Rochester, NY
Education Committee, Grand Rounds Webinar

Mark Neavyn, MD
UMass Memorial Medical Center, Worcester, MA
ASM/Satellite Session Planning

Lewis Nelson, MD, FACMT
Rutgers New Jersey Medical School, Newark, NJ
National Case Conference, Forensic Course Organizer

Kevin Osterhoudt, MD, FACMT
The Children's Hospital of Philadelphia, Philadelphia, PA
International Committee

Jeanmarie Perrone, MD, FACMT
Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA
Bup 101 Training Grant

Rama Rao, MD, FACMT
New York Presbyterian Hospital, New York, NY
Women-in-Tox Section

Cynthia Santos, MD
Rutgers New Jersey Medical School, Newark, NJ
International Committee

MAJ Daniel J Sessions, MD
San Antonio Military Medical Center, San Antonio, TX
Membership Committee

Meghan Spyres, MD
University of Southern California, Los Angeles, CA
ASM/Satellite Session Planning, Women-in-Tox Section

Henry Swoboda, MD
Rush University Medical Center, Chicago, IL
Practice Committee, Addiction Medicine Committee

Trevonne Thompson, MD, FACMT
The Toxikon Consortium/University of Illinois at Chicago, Chicago, IL
ASM/FIT Open Mic

Shawn Varney, MD, FACMT
UT Health - San Antonio, Helotes, TX
Research Committee

Richard Wang, DO, FACMT
National Center for Environmental Health, Centers for Disease Control and Prevention, Atlanta, GA
Government Section

Brandon Warrick, MD
University of New Mexico, Albuquerque, NM
Position Statements and Guidelines Committee

Anselm Wong, MBBS, PhD, FACMT
Austin Hospital, Victoria, Australia
International Committee
Thank You

ACMT STAFF

Paul Wax, MD, FACPMT
Executive Director (June 2008)

Tasia Reddy
Secretary-Administrant (March 2008)

Sharon Canelosman
Program Manager, DAC (November 2014)

Diana Turner-Kosorek
Program Manager, Communications and Grants Office (November 2014)

Carrie Dickerson
Senior Program Manager, PBHSU (April 2015)

Melanie Foltz
Accounting and Grant Compliance Manager (May 2015)

Lacey Nguyen
Program Manager, PBHSU (June 2015)

Adrienne Dunaway
Education Program Manager (February 2016)

Kristen Malecki
Communications Manager (March 2017)

Svetlana Kisselov
Membership and Program Coordinator (June 2017)

Trace Skaal
Director of Strategic Innovation and Funding (December 2017)

Shah Li
Toxicology Data Quality Associate (October 2018)

FUNDERS and SUPPORTERS

Thank You

FEDERAL FUNDERS

Agency for Toxic Substances and Disease Registry (ATSDR)
Centers for Disease Control / National Center for Environmental Health (CDC/NCEH)
Department of Defense (DOD)
Department of Homeland Security (DHS)
Environmental Protection Agency (EPA)
Food & Drug Administration (FDA)
National Institute of Health / National Institute of Drug Abuse (NIH/NIDA)

CORPORATE FUNDERS

BTG International, Inc.
Eagle Pharmaceuticals
Johnson & Johnson Consumer Inc., McNeil Consumer Healthcare Division
Monsanto

SUPPORTERS / COLLABORATORS

American Academy of Clinical Toxicology
American Academy of Emergency Medicine
American Academy of Pediatrics
Battelle Memorial Institute
CRDF Global
EMRA
Icahn School of Medicine at Mount Sinai
NDEWS (National Drug Early Warning System)
Oak Ridge Associated Universities
Society of Forensic Toxicology
Springer


### Revenues, and Other Support

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<th>Description</th>
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<td>Federal grant revenue</td>
<td>$1,502,653</td>
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<td>Other grant and contract revenue</td>
<td>$533,838</td>
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<td>Conferences</td>
<td>$625,534</td>
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<td>Membership dues</td>
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<td>Publications revenue</td>
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<td>Net in-service exam income</td>
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<td>Other income</td>
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<td><strong>Total Revenue, and other Support</strong></td>
<td><strong>$2,946,433</strong></td>
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### Expenses

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<td>Payroll Expenses</td>
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<td>Fees for Services</td>
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<td>Travel</td>
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<td>Meals</td>
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<td>Banking Expenses</td>
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<td>Office Expenses</td>
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<td>Computer and web services</td>
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<td>Insurance</td>
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<td>Conference/meeting expenses</td>
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<td>JMT publications expenses</td>
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<td>Sub-grants</td>
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<td>Miscellaneous expense</td>
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<td>Investment loss</td>
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### Change in Net Assets

<table>
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<th>Description</th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>Change in Net Assets</td>
<td>$210,696</td>
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### Net Assets:

<table>
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<tr>
<td>Beginning of Year</td>
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<tr>
<td>End of Year</td>
<td>$1,433,570</td>
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