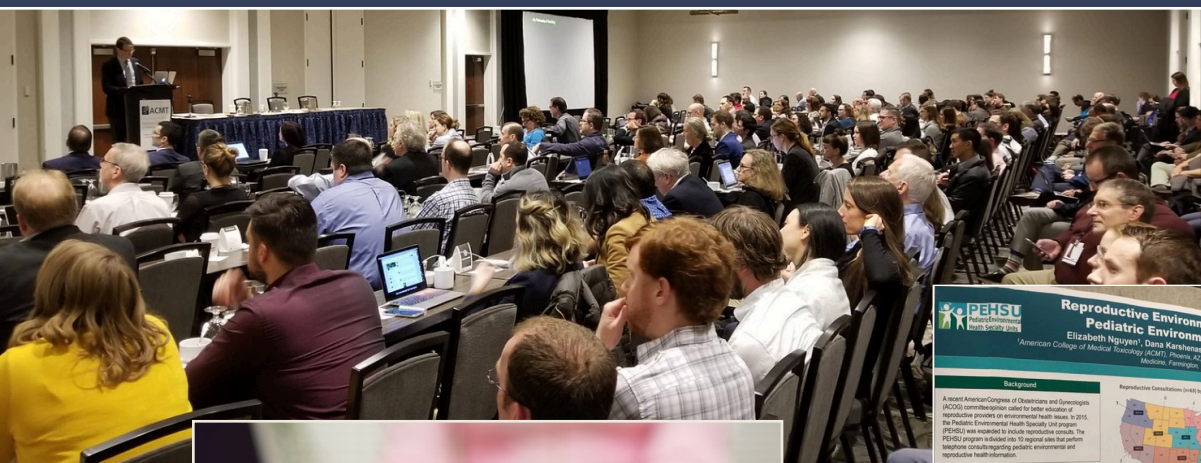


2018 ANNUAL REPORT



ACMT

American College
of Medical Toxicology

2018 ANNUAL REPORT

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2018 ANNUAL REPORT

Message from the Executive Director



Paul Wax, MD, FACMT

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 ASM that had more of a resort focus. We will continue this new metropolitan city flavor with the upcoming ASM 2019 in San Francisco, and beyond.

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.

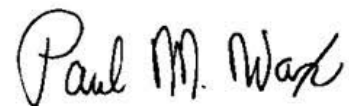
2018 marks the 9th year of Toxicology Investigators Consortium (ToxIC), ACMT's multi-center research endeavor and registry. This cooperative effort of ACMT members all over the country has now published over 30 papers and 100 abstracts. We have some ongoing funding through a series of research grants 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.

Beyond our ToxIC grants ACMT is now in our 5th year of managing the PEHSU program 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 sister organization the MTF just received its first grant – for \$50,000 from the Independence Blue Cross Foundation – to provide buprenorphine education, and the Board of Directors just 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 our 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.

A handwritten signature in black ink that reads "Paul M. Wax".

2018 IN REVIEW

Message from the President



Charles McKay, MD, FACMT



Charles McKay with Staff Member Lizzy Nguyen at 2018 ASM



25th Anniversary Timeline at 2018 ASM



25th Anniversary Reception at 2018 ASM

A handwritten signature of Charles McKay in dark ink.

Welcome

2018 New Members

FULL MEMBERS

Members who are newly certified in the subspecialty 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 Eisnor, MD

Denise Fernandez, MD
Jakub Furmaga, 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
Katherine 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
Alexander 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
Alya Kamani, MBBS

Marissa Kopatic, MD
Sean McCann, MD
Kevan Meadors, MD
Omid Mehrpour,
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
Timothy Backus, DO
Brian Bush, MD
Richard Chen, MD
Jason Dietz, MD

Ari Filip, MD
Gregory Makar, DO
Joshua McFalls, MD
Jonathan Meadows, DO, MPH

Laura Roper, MD
Colin Therriault, 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 Gretz, MD
Justin Kirkland, MD

Congratulations

2018 ACMT Fellows

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



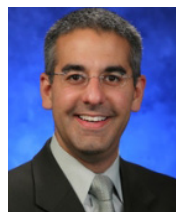
Nahar D. Alruwaili, MBBS, FACMT



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 & GOALS

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

2018 Annual Scientific Meeting



**April 12-14, 2018
Washington, DC**

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!

Original 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.

ASM ATTENDANCE AT-A-GLANCE

Registration for the ACMT Annual Scientific Meeting keeps growing!

2018 - Washington, DC: 331
2017 - San Juan, Puerto Rico: 212
2016 - Huntington Beach, CA: 246
2015 - Clearwater, FL: 212
2014 - Phoenix, AZ: 209



In the event survey, when asked why they chose to attend 2018 ASM, 58% responded it was because of the conference content, and 39% said it was because their abstract was accepted.

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 ABSTRACTS AT-A-GLANCE

	Submitted	Accepted	% Accepted
2018	225	175	78%
2017	145	120	83%
2016	160	121	76%
2015	160	116	73%
2014	132	96	73%

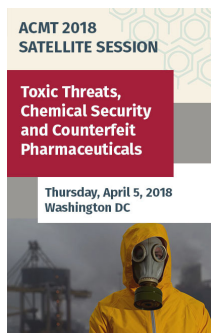
2018 Annual Scientific Meeting



April 12-14, 2018
Washington, DC

SATELLITE SESSION

The 2018 ACMT Satellite “Toxic Threats, Chemical Security & Counterfeit Medications” also broke records with 122 attendees. The day kicked off with a discussion of counterfeit pharmaceuticals led by Brian Donnelly PhD, RPh (Director of the Americas Region, Global Security, Pfizer) who presented a counterfeit opioid case, highlighting the multiple steps in bringing raw ingredients from outside the U.S. onto the streets masquerading as a legitimate, diverted pharmaceutical.



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 modeling of airborne releases, planning for large-scale chemical response, access to reliable information, and new and developing medical countermeasures and antidotes.

SATELLITE ATTENDANCE AT-A-GLANCE

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

25th ANNIVERSARY DINNER



During ASM in Washington DC, ACMT hosted a dinner for founding members and Board Members (both current and past). We are pleased to report 30 founding members of ACMT attended the celebration of this wonderful milestone.

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 Kopec, DO, Michael Beuhler, MD, 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.

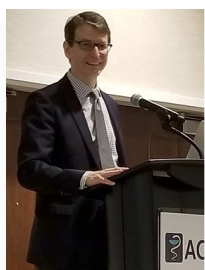
The following members won prizes:
Medical Resident: **Nathan Kunzler, MD**, Harvard Affiliated EM Residency Program
Fellow-in-Training: **Laura Tortora, MD**, Banner-University Medical Center Phoenix
Fellow-in-Training: **Erik Fisher, MD**, Banner-University Medical Center Phoenix
Attending: **JJ Rasimas,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

2018 ASM AWARDS



2018 ACMT Annual Scientific Meeting Washington, DC

Ellenhorn Award Lewis Nelson, MD, FACMT



ACMT Past-President Lewis Nelson, MD, FACMT, was awarded the Matthew J. Ellenhorn Award at the 2018 ASM in Washington, DC. This career achievement award honors an individual who has made extraordinary contributions to the field of medical toxicology.

Dr. Nelson is Professor, Emergency Medicine Chair, Department of Emergency Medicine Director, Division of Medical Toxicology at Rutgers New Jersey Medical School. He has held editorial and reviewer positions at the most prominent medical publications including:

- Senior Editor of Goldfrank's Toxicologic Emergencies textbook, the premier general clinical toxicology text in the world
- Associate Editor of the *Annals of Emergency Medicine*
- Peer Reviewer *Journal of the American Medical Association*
- Peer Reviewer of *The New England Journal of Medicine*

His CV lists 244 peer reviewed publications, 5 textbooks, countless international lectures and professional activities including sitting on the Editorial Board of *The Journal of Medical Toxicology* and Chair of the ACMT Education Committee, Fellowship Directors Committee, and Publication Committee.

ACMT has benefitted greatly from Dr. Nelson's service to the organization and we congratulate him on receiving the 2018 Ellenhorn Award.

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 Bardsley, 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:

Brittany Chapman, MD, UMass Medical School

2018 ASM Best Original Research Platform Award:

David Jang, MD '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 Shafer, 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

2018 CONFERENCES

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



ACMT 2018 BOARD REVIEW COURSE

SEPTEMBER 5-7, 2018
WYNDHAM GRAND CHICAGO RIVERFRONT



American College
of Medical Toxicology

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**, 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**, and **Katherine Katzung, MD**, for developing this new addition to ACMT's educational offerings!

2018 CONFERENCES

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

ACMT kicked-off NACCT 2018 with the *Pre-Meeting Performance and Enhancing Agents*

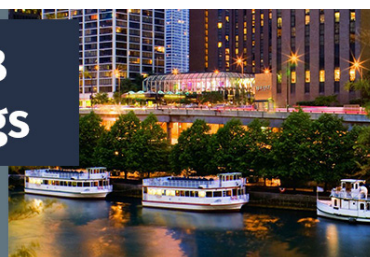
360 on Thursday, October 25. The event featured expert speakers from sports toxicology, sports medicine, military medicine, veterinary medicine, analytical testing, sports law, supplement development, and event planning; and explored what every toxicologist needs to know about doping, drug-testing impact 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, 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. The same day **Jeffrey Brent**, MD, PhD, hosted the ACMT FIT Roundtable which discussed *The Role of Medico-Legal Consulting in Your Medical Toxicology Career*. On Sunday, **Jerry Leikin**, MD, 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.

ACMT at NACCT 2018 Activities & Meetings

OCTOBER 25-29, 2018
Hyatt Regency • Chicago, IL



2018 Seminar in Forensic Toxicology | Encore presentation!

Opioids, Toxicology, and the Law: Medical-Legal Aspects of the Opioid Epidemic

December 13–14, 2018
The Highland • Dallas, TX



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, **Charles McKay**, MD, and **Lewis Nelson**, MD, for offering this course to a new audience.

EDUCATION

2018 WEBINARS & ON DEMAND LEARNING

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!

2018 WEBINARS AT-A-GLANCE



ACMT | National Case Conference

Webinars: 12 Attendees: 2,636



ACMT | Addiction Medicine Case Conference

Webinars: 9 Attendees: 915



ACMT | Grand Rounds

Webinars: 6 Attendees: 837



ACMT | National Journal Club

Webinars: 5 Attendees: 386

Visit Online Learning
on acmt.net

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!



Topic

Breastmilk Toxicology
The Hill Criteria And Research Basics
Rodenticides
Radiation
Loxoscelism
Antivirals
Organic Chemistry Structures
Abortifacients

Speaker

Robert G. Hendrickson, MD
James Chenoweth, MD, MAS
Joshua Radke, MD
Alicia Minns, MD
Adam Algren, MD
Nick Connors, MD
Stephanie Weiss, MD
Spencer Greene, MD

EDUCATION

EDUCATIONAL COLLABORATION & PROGRAMS



A Partnership with  **ALiEM** Academic Life in Emergency Medicine

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

Under the leadership of Louise Kao, MD, FACMT, ACMT continues 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!

2018 Visual Pearls AT-A-GLANCE

The sample emergency cases and expert answers from ACMT members have collectively garnered over 14,000 views and counting!

Pearls published in 2018:

- Blue Urine
- Toxic Mouth Pain
- Spider Bite
- Drug-Induced Rash

Interested in submitting a visual pearl?
Visit Online Learning at acmt.net



In 2018, ACMT continued to manage Regions 6-10 of the national PEHSU's. 2018-2019 is the final year of a 5-year cooperative agreement supporting PEHSU from the Agency for Toxic Substances and Disease Registry of the Centers for Disease Control and Prevention (ATSDR) and the Environmental Protection Agency (EPA).

In 2018, PEHSU produced seven webinars on topics including endocrine disrupting chemicals and obesity, radon, volcanic emergencies, extreme heat, late life neurodegenerative disorder exposures, home visit models and asthma, and lead and school readiness. These webinars are created for ACMT members, pediatricians, nurses, other health care professionals, etc. All webinars are available on-demand in the PEHSU National Classroom.

PEHSU continues to distribute a monthly E-newsletter, which features regional highlights and national news relevant to the program. A resource page for Per- and Polyfluoroalkyl Substances (PFAS) was recently created with a fact sheet, webinar, and other resources that would be helpful to healthcare providers and the community.

The PEHSU program also exhibited at several important medical and public health association meetings this year including the Pediatric Academic Society and American Public Health Association.

On July 23-25, 2018, ACMT co-hosted the PEHSU annual meeting at Emory University in Atlanta, GA. Scientific sessions included PFAS, reproductive environmental health, and natural disasters. These sessions were recorded and are available on the PEHSU National Classroom.

Learn more at pehsu.net

ADVANCING MED TOX RESEARCH



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, (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 when participating in this important quality improvement program.

"The QCDR designation is instrumental to help medical toxicologists and other providers improve patient care," said ACMT Executive Director, **Paul Wax**, MD.

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.

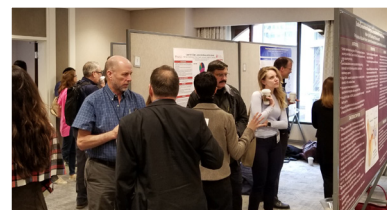
"In a rapidly evolving healthcare system that is moving quickly toward quality-based payment, this is an important step for ACMT to guide our members and medical toxicologists across the country," adds ACMT President, Charles McKay, MD.

If you are interested in participating in the TQCDR, visit toxregistry.org

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

Learn more at
toxicregistry.org
under 'Publications'

2018 Toxic Publications

Beauchamp GA, Carey JL, Adams T, Wier A, Colón MF, Cook M, Cannon R, Katz KD, Greenberg MR; Toxicology Investigators Consortium (Toxic). **Sex Differences in Poisonings Among Older Adults: An Analysis of the Toxicology Investigators Consortium (Toxic) Registry, 2010 to 2016.** Clin Ther. 2018;40:1366-1374. PMID:30072041. [Publication link](#)



Farrugia LA, Rhyee SH, Campleman SL, Judge B, Kao L, Pizon A, Porter L, Riederer AM, Wiegand T, Calello D, Wax PM, Brent J; Toxicology Investigators Consortium (Toxic) Study Group. **The Toxicology Investigators Consortium Case Registry-the 2017 Annual Report.** J Med Toxicol. 2018;14:182-211. PMID: 30094774. [Publication link](#)

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Toxic Sites



ADVOCATING FOR MEDICAL TOXICOLOGY

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.

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.

Learn More at Quick Links on acmt.net

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

ACMT collaborates on Fentanyl video



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."*

Learn More at ACMT News on acmt.net



Advancing research and education in the prevention and treatment of patients adversely impacted by drugs, chemicals and natural toxins.

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.

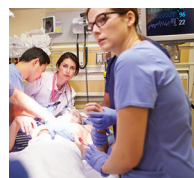
In 2018, MTF raised \$68,423 in donations

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



Curbing the Opioid Crisis in Philadelphia:
Increasing Emergency Department Initiation of Buprenorphine-Naloxone for Opioid Use Disorder

Education for Attending Physicians & Residents



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.



2018 MTF Practice Grant

Congratulations to **Jeffrey Lai, MD**, of University of Massachusetts Medical Center for receiving the MTF Practice Grant for his study:

'TeleSUDE: A Telemedicine-Based Substance Use Disorder Evaluation to Facilitate Addiction Treatment Referrals after Near-Fatal Opioid Overdose'

* See page 8 for details about 2018 MTF Travel Awards

Learn More and Give
at acmt.net/mtf

PUBLICATIONS

Journal of Medical Toxicology



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. Mycyk, MD, FACMT, Editor-in-Chief
Journal of Medical Toxicology

Visit Journal
on acmt.net

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

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.

Six episodes of ACMT Highlights were released in 2018 including:

- *Naloxone with Dr. Rob Hendrickson: Slow and Steady Wins the Race*
- *Renal Replacement Therapy with Dr. Josh King*
- *IV Lipid Emulsion Therapy with Dr. Dianne Calello*
- *Flumazenil and Physostigmine with Dr. Spencer Greene*
- *The Opioid Epidemic and How We Got Here with Dr. Jeanmarie Perrone*
- *Dead Men Do Tell Tales – Opioid Related Deaths with Dr. James Gill*

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!



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.

ACMT Hosts Tweet Chats

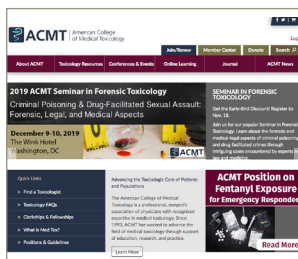


ACMT continued to expand its outreach through social media in 2018, with an increased focus on engaging the toxicology community.

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*



Visit Online Learning on acmt.net

ACMT Joins the Coalition to Stop Opioid Overdose

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

Visit ACMT News on acmt.net

2018 Board Members

Thank You



Charles McKay, MD, FACMT
President (2016-2019)



Anne-Michelle Ruha, MD, FACMT
Vice President (2016-2019)



Louise Kao, MD, FACMT
Secretary/Treasurer (2016-2019)



Leslie R. Dye, MD, FACMT
Past President (2016-2019)



Diane Calello, MD, FACMT
Board Member (2016-2020)



Bryan Judge, MD, FACMT
Board Member (2016-2020)



David Juurlink, MD, FACMT
Board Member (2018-2021)



Ziad Kazzi, MD, FACMT
Board Member (2014-2018)



William Kerns, II, MD, FACMT
Board Member (2014-2018)



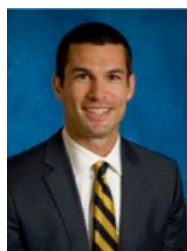
Ayrn O'Connor, MD, FACMT
Board Member (2016-2020)



Anthony Pizon, MD, FACMT
Board Member (2015-2019)



Evan Schwarz, MD, FACMT
Board Member (2016-2019)



Andrew Stolbach, MD, FACMT
Board Member (2015-2018)



Timothy Wiegand, MD, FACMT
Board Member (2015-2019)



Paul M. Wax, MD, FACMT
Executive Director

BOARD of DIRECTORS ELECTION

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

David Juurlink, MD, PhD, FRCPC, 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 (Second 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.

2018 Committees & Sections

Thank You

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 Burkhardt, MD, FACMT

Industry Section

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

International Section

Chair: Ziad Kazzi, MD, FACMT

Legal and Consultative Section

Chair: Brent Furbie, 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

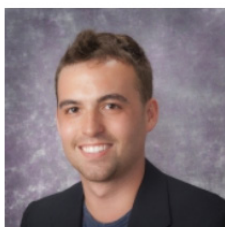
Women in Tox Section

Chair: Ayrn O'Connor, MD, FACMT

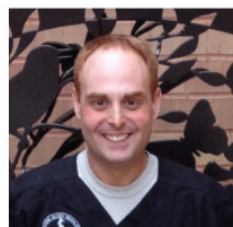
Learn more at acmt.net
under 'Member Center'

BOARD INTERNS

APRIL 2018 – JUNE 2019



Ryan Marino, MD
University of Pittsburgh Medical Center
Pittsburgh, PA



Brian Patrick Murray, DO
Emory University School of Medicine
Atlanta, GA

2018 ACMT Outstanding Voluntary Service Recognition

Thank You

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

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 Bruccoleri, 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 Darracq, MD, MPH

UCSF Fresno, Fresno, CA
Recent Grad Section

Derek Eisnor, MD

Medical Toxicology, St. Augustine, FL
Addiction Medicine, Practice Committees

Brent Furbee, MD, FACMT

Indiana Poison Center, Indianapolis, IN
Education Committee, Forensic Course Planning,
2018 Legal Section Webinar

Fiona Garlich, MD

University of Southern California, Santa Monica, CA
Women in Toxicology Section

Spencer Greene, MD, FACMT

Baylor College of Medicine, Houston, TX
ToxIC North American Snakebite 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, 2018 Total Tox Course, 2018
ACMT at NACCT activities

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, 2018 Total Tox Course

Kathryn Kopec, DO
Carolina Medical Center, Charlotte, NC
*Research Committee, Education Committee,
International Committee, ASM 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, 2018 Board Review Course

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

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

ACMT STAFF

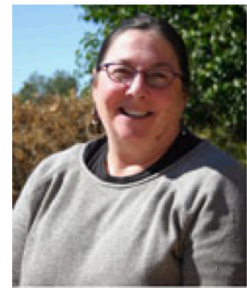
Thank You



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



Tricia Steffey
Executive Assistant
(March 2008)



Sharan Campleman
Program Manager, ToxIC
(November 2014)



Dana Turner Karshenas
Program Manager, Communications
and Grants Office
(November 2014)



Carrie Dickenson
Senior Program Manager, PEHSU
(April 2015)



Melanie Foltz
Accounting and Grant Compliance Manager
(May 2015)



Lizzy Nguyen
Program Manager, PEHSU
(June 2015)



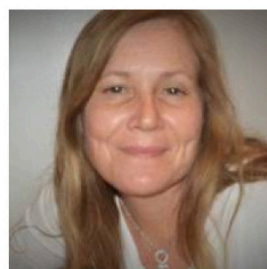
Adrienne Dunavin
Education Program Manager
(February 2016)



Kristen Malecki
Communications Manager
(March 2017)



Sandra Kirilovic
Membership and Program Coordinator
(June 2017)



Tracy Kolan
Director of Strategic Innovation and Funding
(December 2017)



Shao 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

ACMT Financial Statement

**American College of Medical Toxicology
Financial Statement
For The Year Ended December 31, 2018**

REVENUES, AND OTHER SUPPORT

Federal grant revenue	\$ 1,502,653
Other grant and contract revenue	533,838
Conferences	625,534
Membership dues	226,445
Publications revenue	44,423
Net in-service exam income	11,076
Other income	2,464
Total Revenue, and other Support	<u>2,946,433</u>

EXPENSES

Payroll Expenses	1,195,898
Program Consultants	59,411
Fees for Services	35,351
Travel	110,072
Meals	18,655
Banking Expenses	24,561
Office Expenses	5,873
Computer and web services	36,460
Insurance	12,747
REDCap Hosting	7,766
Conference/meeting expenses	211,426
JMT publications expenses	10,000
Sub-grants	975,203
Miscellaneous expense	6,667
Investment loss	20,886
Amortization	4,761
Total Expenses	<u>2,735,737</u>

Change in Net Assets	210,696
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NET ASSETS:

Beginning of Year	<u>1,222,874</u>
End of Year	<u><u>1,433,570</u></u>