SOUTHERN ASSOCIATION OF FORENSIC SCIENTISTS

ANNUAL MEETING 2018
CHARLESTON, SC
SOUTH CAROLINA LAW ENFORCEMENT DIVISION
FORENSIC SERVICES LABORATORY
WELCOMES YOU
TO THE
SOUTHERN ASSOCIATION OF FORENSIC SCIENTISTS
ANNUAL MEETING 2018
CHARLESTON, SOUTH CAROLINA
April 15, 2018

Welcome to the Southern Association of Forensic Scientists 2018 Annual Meeting!

On behalf of the South Carolina Law Enforcement Division (SLED), we would like to welcome you to Charleston, SC to the 2018 Southern Association of Forensic Scientists Annual Meeting. We are pleased to be the host state for this conference of practitioners, educators and students from the region. As a law enforcement partner agency, we are so appreciative of the contributions you make to the criminal justice system.

This meeting and workshops are an excellent opportunity for networking, exchanging of ideas and training on the latest technologies and techniques used in the field of forensics. We know that you will enjoy the wonderful backdrop of our beautiful port city for your training and we look forward to hearing about the information gained by participants from our agency who are participating this week.

Thank you for your continued dedication to the advancement of Forensic Science and we hope you enjoy your visit to South Carolina!

Best regards,

Mark A. Keel
Chief
South Carolina Law Enforcement Division
WELCOME!

It is my honor to welcome the Southern Association of Forensic Scientists (SAFS) as you gather for your 2018 Annual Meeting, hosted by the South Carolina Law Enforcement Division, on May 1-4, 2018. As Mayor of the City of Charleston, and on behalf of Charleston City Council and all our citizens, I am honored and delighted that you are here.

I am excited that the second oldest regional forensics organization in the United States is gathering here! For some of you, this is your first visit to Charleston, while for others it is a welcome return to our historic city. Charleston has been voted twice as the “Top City in the United States” in the Conde Nast Traveler Reader’s Choice Awards. Most recently, Travel & Leisure named Charleston as one of the “World’s Best Cities” for 2017. These honors are a recognition of the priority we place on ensuring that your visit here is one that is memorable and will inspire you to return again.

As you convene in Charleston to network, exchange ideas, and train, I hope that you will enjoy the many amazing workshops and events you have planned. Additionally, I encourage you to relax and enjoy our slower, graceful way of living. Take in all that you can, including the incredible array of attractions, dining, and entertainment the Holy City has to offer. There is so much to enjoy that I am sure you will find that one visit is not enough. We look forward to hosting you again soon.

My best wishes for a great meeting!

Most sincerely yours,

John J. Tecklenburg
Mayor, City of Charleston
On behalf of the Southern Association of Forensic Scientists, I would like to extend a warm welcome to all of you and thank you for attending our meeting in beautiful, historic Charleston.

The planning committee has been working very hard to bring a fabulous program to you. Please make sure when you see Lynn Black, Kristen Fripp or Laura Zimmerman, stop and let them know how much you are enjoying the papers, posters, workshops, scientific sessions and of course, the hospitality suite! I know they had some assistance so my appreciation also goes to all who have volunteered time and energy to create another great SAFS experience for you. The planning committees are always happy to have more volunteers so please inquire how you can become a part of our future SAFS meetings plans.

While we gather to gain knowledge, we are also making valuable professional contacts and friendships. We are in the Holy City, so take some time and explore the rich history of Charleston. I personally look forward to the annual SAFS meeting. It is a chance for me to reconnect with friends and colleagues and truly enjoy some Southern hospitality and the history of each host city.

Welcome y’all!

Desirée Reid

SAFS President (2017-2018)
Greetings Forensic Scientists,

Welcome to Historic Charleston, South Carolina and the SAFS 2018 Annual Meeting!

We are excited that you have joined us for this meeting and hope you enjoy the change in seasons, as this is the first spring SAFS Annual Meeting after years of having the annual meeting in the fall. The change was made in an attempt to increase participation across all forensic disciplines by not competing with the variety of meetings held in the fall across the country.

We want to take this opportunity to extend a heartfelt welcome to “The Holy City”. Charleston is rich in history, heritage, and Southern charm and it is our hope you have the chance to experience all this beautiful city has to offer.

As the planning committee for this event, we have worked hard to ensure that you have an educational and enjoyable conference. The meeting this year is a throwback to the 2014 meeting - a little less in duration, but nonetheless there are ample training and networking opportunities. It is our hope that you take full advantage of the workshops, vendor exhibits, plenary session, and the opportunity to share information with other forensic scientists.

Again, welcome to Charleston. We hope that you have a great meeting and thoroughly enjoy your stay.

Sincerely,

SAFS 2018 Planning Committee

Lynn Black, Social Chair

Kristen Fripp, Program Chair

Laura Zimmerman, Workshop Chair
Meeting information, including the 2018 Annual Meeting Program, can be found on our website safs1966.org

For your convenience, enclosed you will find a printed agenda and a map of the hotel meeting space.

Inside of your swag bag you will find:

- Tickets for door prizes: winners announced at the vendor reception; you must be present to win
- Maps of Charleston
- DASH information (free trolley)
- Discount coupons
- Other goodies including a portal charger, cord organizer and notebook

Inside of your name badge you will find lunch tickets if you have registered for both morning and afternoon workshops on the same day. You will need to turn in the ticket to receive the boxed lunch.

- Red tickets are for Tuesday lunch
- Blue tickets are for Wednesday lunch

If you have any special dietary needs, please let one of us know as soon as possible.

Please wear your name badge during all meeting events to ensure entry, including the vendor reception, banquet with cocktail hour and hospitality suite.

Workshop survey QR codes will be available in each room. Please be sure to complete the short survey. Your evaluations are important to us.

Workshop certificates will be disseminated at the conclusion of each workshop. Additionally, meeting attendance certificates will be available after breakfast on Friday morning.

Enjoy your visit to Charleston!

If you need any help or have any questions, please do not hesitate to find a Board Member and they will be happy to assist you.
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>3:00 p.m. – 6:00 p.m.</td>
<td>Registration</td>
<td>Hotel Lobby</td>
</tr>
<tr>
<td>7:30 p.m. – 9:30 p.m.</td>
<td>SAFS Board Meeting</td>
<td>Room Suite (TBA)</td>
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<tr>
<td>9:30 p.m. – 11:00 p.m.</td>
<td>Hospitality Suite</td>
<td>Wando Room</td>
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Tuesday, May 1, 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>7:00 a.m.-6:00 p.m.</td>
<td>Registration (closed from 12:00-1:00pm)</td>
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<tr>
<td>Hotel Lobby</td>
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<tr>
<td>7:00 a.m. – 8:30 a.m.</td>
<td>Breakfast</td>
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<tr>
<td>Palmetto Courtyard</td>
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<tr>
<td>8:00 a.m.-12:00 p.m.</td>
<td>Workshops</td>
</tr>
<tr>
<td>Harleston Room</td>
<td>Probabilistic Genotyping Unpacked: Beyond the Binary Methods of Interpretation</td>
</tr>
<tr>
<td>Wraggborough Room</td>
<td>What’s New on the Designer Drug Scene</td>
</tr>
<tr>
<td>9:30 a.m.-10:00 a.m.</td>
<td>Break</td>
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<tr>
<td>Stono Ballroom</td>
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<tr>
<td>12:00 p.m. – 1:00 p.m.</td>
<td>Lunch (on your own – if not taking a full day of workshops)</td>
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<tr>
<td>Palmetto Courtyard</td>
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<td>Time</td>
<td>Location</td>
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<tr>
<td>1:00 p.m.-5:00 p.m.</td>
<td>Ashley Room</td>
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<td>Harleston Ballroom</td>
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<td>Wraggborough Room</td>
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<tr>
<td>2:30 p.m. – 3:00 p.m.</td>
<td>Stono Ballroom</td>
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<tr>
<td>2:00 p.m. – 6:00 p.m.</td>
<td>Edisto Room</td>
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<tr>
<td>8:00 p.m. – 11:00 p.m.</td>
<td>Wando Room</td>
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# 2018 Meeting Agenda

**Wednesday, May 2, 2018**

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>7:00 a.m.-6:00 p.m.</td>
<td>Hotel Lobby</td>
<td>Registration (closed from 12:00 pm-1:00 pm)</td>
</tr>
<tr>
<td>7:00 a.m. – 8:30 a.m.</td>
<td>Palmetto Courtyard</td>
<td>Breakfast</td>
</tr>
<tr>
<td>8:00 a.m. – 5:00 p.m.</td>
<td>Cooper Room</td>
<td>Workshops&lt;br&gt;&lt;i&gt;The 2017 Version of ISO/IEC 17025 and the Related ANAB Forensic Accreditation Requirements in a Nutshell – How to Crack that Nut!&lt;/i&gt;</td>
</tr>
<tr>
<td>8:00 a.m.-12:00 p.m.</td>
<td>Ashley Room, Harleston Room, Wraggborough Room</td>
<td>Workshops&lt;br&gt;&lt;i&gt;Addressing Bias in Forensic Examinations&lt;br&gt;Using Seratec Products to Identify Body Fluid Stains&lt;br&gt;Predicaments and Perplexities Due to Prevalence Of Emerging Substances in Drug Chemistry Casework, and Portable Possibilities For Presumptive Identification&lt;/i&gt;</td>
</tr>
<tr>
<td>9:30 a.m.-10:00 a.m.</td>
<td>Stono Ballroom</td>
<td>Break</td>
</tr>
<tr>
<td>12:00 p.m. – 1:00 p.m.</td>
<td>Palmetto Courtyard</td>
<td>Lunch (on your own – if not a full day of workshops)</td>
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<tr>
<td>Time</td>
<td>Event</td>
<td>Location</td>
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| 1:00 p.m.-5:00 p.m. | Workshops  
**Introducing the QuantStudio™ 5 Real-Time PCR System**  
**Infrared Analysis for Drug and Trace Chemists** | Harleston Room, Wraggborough Room |
| 2:30 p.m. – 3:00 p.m. | Break                                     | Stono Ballroom    |
| 6:00 p.m. – 8:00 p.m. | Vendor Sponsored Reception                | Stono Ballroom    |
| 8:00 p.m. – 11:00 p.m. | Hospitality Suite                         | Wando Room        |
**Thursday, May 3, 2018**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>7:00 a.m. – 9:00 a.m.</td>
<td>Breakfast</td>
<td>Stono Ballroom</td>
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<tr>
<td>9:00 a.m. – 11:30 a.m.</td>
<td>Plenary Session</td>
<td>Harleston/Wraggborough Ballroom</td>
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<tr>
<td>12:30 p.m. – 2:30 p.m.</td>
<td>Lunch and SAFS Business Meeting</td>
<td>Harleston/Wraggborough Ballroom</td>
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<tr>
<td>5:00 p.m.-10:00 p.m.</td>
<td>Banquet (cocktail hour 5:00 p.m. - 6:00 p.m.)</td>
<td>Palmetto Courtyard Harleston/Wraggborough Ballroom</td>
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<tr>
<td>10:00 p.m. - 12:00 a.m.</td>
<td>Hospitality Suite</td>
<td>Wando Room</td>
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Friday, May 4, 2018

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<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 a.m. – 9:00 a.m.</td>
<td>Breakfast</td>
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<tr>
<td>Palmetto Courtyard</td>
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</tr>
<tr>
<td>9:00 a.m.-12:00 p.m.</td>
<td>Discipline Specific Breakout Sessions</td>
</tr>
<tr>
<td>Wraggborough Room</td>
<td>Chemistry</td>
</tr>
<tr>
<td>Harleston Room</td>
<td>Biology</td>
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<tr>
<td>Ansonborough Room</td>
<td>Trace/Toxicology</td>
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Lieutenant Rita Shuler, retired supervisory agent of the South Carolina Law Enforcement Division

Ms. Shuler will talk about actual criminal cases, highlighting the vital importance of physical evidence in the investigation and solving of these cases.

She will present cases showing similarities and differences of crime solving in the past to present day including a murder and sexual assault “cold case” that was solved after 37 years.

Mark Jones, Crime Writer and Tour Guide

Mark will be presenting a sixty-minute program about the history of murder in Charleston, and the evolving justice system through 200 years. Mark will cover some of Charleston’s most infamous, and notorious crimes, including:

The Execution of Lavinia Fisher (1818)

Denmark Vesey Slave Conspiracy (1822)

The Murder of Francis Dawson, Anti-Dueling Crusader (1889)

Self Defense Charleston Style – The Murder of Frank Hogan (1927)

BIOLOGY

Probabilistic Genotyping Unpacked: Beyond the Binary Methods of Interpretation

**Presenter:** Mike Coble, Associate Director, UNTHSC Center for Human Identification

As of early 2018, nearly 20 percent of DNA laboratories in the US have implemented a probabilistic genotyping software for DNA interpretation. Another 20-30 percent of laboratories are in the process of procuring or validating a system. This workshop is targeted for laboratories considering a move to a probabilistic genotyping system for mixture interpretation. Questions to address include:

- Why should I change from the current CPI/RMP/binary LR?
- How is probabilistic genotyping an improvement?
- How do the discrete and continuous methods of modeling work?
- What guidance/advice can be given for validation of these systems?

A basic understanding of the Likelihood Ratio will be reviewed.

Using Seratec Products to Identify Body Fluid Stains

**Presenter:** Dale L. Laux, Applications Advisor, Seratec

New techniques in forensic biology are being developed in DNA, RNA and protein analysis in the hopes of discriminating trace biological stains; but biological fluid stains must first be discovered and identified. Non-destructive techniques such as examination with alternate light sources and infrared light cameras have improved and aid in the identification of stains, especially blood; however they are not specific. In this workshop, the participants will learn a little physiology about the source of the biological fluids and the best ways to locate and analyze these stains. Mapping of stains on clothing will be discussed and participants will be able to map, isolate and analyze body fluid stains using amylase paper and specific immunological membranes. The goal of this workshop is to make the forensic biologist more comfortable and confident in the examination of body fluid stains and aware of the Seratec products that exist to make this job easier.
Introducing the QuantStudio™ 5 Real-Time PCR System and the HID Real-Time PCR Analysis Software v1.3 including the Virtual Standard Curve: The latest addition to our human identification (HID) real-time PCR family of offerings

**Presenter(s):** Jennifer Elliot, Sr. Manager, Forensic Science Applications Group, Thermo Fisher Scientific; April Troyer, HID Technical Training Manager, Thermo Fisher Scientific; Brittania Bintz, M.S. Western Carolina University

Do you know what the camera in your phone and the new real-time PCR instrument, the QuantStudio 5 may have in common? This workshop is designed to introduce and discuss the latest qPCR instrument and software offerings by Thermo Fisher Scientific. In this workshop, and you will learn how this system can seamlessly be introduced to your laboratory, how it differs from the 7500 Real-Time PCR Instrument, and how the use of the new Virtual Standard Curve functionality provided in the HID Real-Time Software v1.3 can save your lab in time and decrease run to run variation. We will change gears a bit and wrap up this half-day workshop with a quick discussion of our lessons learned since the release of the GlobalFiler™ PCR Amplification in 2013.

This workshop will cover:

- A hands-on introduction of the QuantStudio 5 Real-Time PCR System
- The Virtual Standard Curve: how it works, things to consider, and how it may benefit your laboratory
- The customer experience: using the Quantifiler™ Trio Quantification Kit with new functionality
- The GlobalFiler Kit: what we know after 4 years in the field

For Research, Forensic, or Paternity Use Only. Not for use in diagnostic procedures.

**The Future of Forensic Genomics is Now**

**Presenter:** Melissa Kotkin, FGx FAS Manager, Verogen, Inc.

The combination of Short Tandem Repeat (STR) markers and Capillary Electrophoresis (CE) detection methods has established DNA testing at the center of modern criminal investigations. Although the methods have become more sophisticated, the fundamentals of the systems have changed little in the last decade. The increasing need for more comprehensive data from decreasing quantities and qualities of DNA evidence is exceeding the fixed capability of CE platforms and current interpretation methods to reach conclusive results.

In an effort to overcome current limitations, forensic scientists worldwide are now investigating the value of Next-generation Sequencing (NGS) for forensic applications. Illumina’s decade-proven sequencing by synthesis (SBS) technology offers a massively parallel approach for simple and accurate sequencing of large numbers of PCR amplicons in a single reaction. This offers new opportunities for taking methods currently employed in clinical and research settings and applying them to routine forensic analysis in operational casework laboratories. In this Workshop, we will examine the limitations of current DNA testing methods and the specific benefits of the sequencing by synthesis approach for forensic analysis. We describe how developmentally validated instrument, chemistry and software solutions result in NGS now becoming a viable alternative to current CE-based methods for routine forensic casework applications. We will also demonstrate how, by delivering data that span the genome to capture more forensically relevant markers, NGS can answer a wider range of questions in a single, targeted assay. This approach offers a variety of key improvements including relieving analysis limitations associated with challenging samples such as complex mixtures, flattening the analyst’s decision tree and reducing workflow complexity compared to current methods.
CHEMISTRY

What’s new on the designer drug scene (formally listed as Emerging Drugs and their MS Interpretation)

Presenters: Donna M. Iula, Ph.D., Director of Forensic Chemistry, Cayman Chemical; Nathan K. Layle, Chemist, Forensics Chemistry Department, Cayman Chemical

- The designer drug landscape is ever shifting and it’s a constant battle for drug chemists to be able to detect the latest designer drugs on the scene. The goal of this workshop is to learn about topics such as:
- New analogues being trafficked and spectroscopic tips/techniques for their detection.
- How might clandestine chemists be synthesizing the newest designer drugs and what might be next?
- What is known about the metabolism of prevalent designer-drug classes?

Predicaments and Perplexities Due to Prevalence of Emerging Substances in Drug Chemistry Casework, and Portable Possibilities for Presumptive Identification

Presenters: Joshua Yohannan, Laboratory Manager, Trace and Chemistry Units, Allegheny County Office of the Medical Examiner; Emily Wilkinson, Scientist, Allegheny County Office of the Medical Examiner

The introduction of fentanyl into the illicit drug market has continued to challenge forensic drug analysis and toxicology units. Not only are laboratories still tasked with identifying novel substances, but they are also tasked with responding to numerous requests for assistance from both public health and law enforcement entities. Increasing opioid related overdose deaths and halted field testing directives have resulted in rush requests becoming more common. Complicating matters even further are the presence of high potency opioids that are impacting the way samples are handled and analyzed in the laboratory. The Allegheny County Office of the Medical Examiner is located in an area with one of the highest per capita opioid overdose rates in the country. The drug chemistry unit works closely with multiple overdose taskforces and a darknet taskforce. This presentation will discuss trends in Allegheny County, information sharing, laboratory safety, and field analysis technology. Analysis lessons learned will include information about low level fentalogues, co-eluting fentalogues, isomer comparisons on GCMS, and salt form issues. Interesting cases like synthetic cannabinoids on paper as well as counterfeits tablets will also be covered.

Sample Preparation, Purification and Isolation for Unusual or Difficult Samples, including Fentanyl

Presenter: Tim McKibben, Synthcon

This workshop will cover sample preparation for unusual or difficult samples. Chemists are very familiar with traditional sample preparations, but what do you do when the sample is a half-eat food item, a semi-solid, or something that becomes tacky upon exposure to air? How do you isolate a drug from other interfering components? Procedures to deal with these "nasty" sample matrices will be covered along with real case examples where the sample matrix issue was solved through certain preparation techniques. Additional tips and tricks will be included to assist the chemist when trying to handle and prepare such samples. Finally some tips on preparing fentanyl samples will also be discussed.

Infrared Analysis for Drug and Trace Chemists

Presenter: Jeremiah Morris, Forensic Scientist, Johnson County Sheriff’s Office Criminalistics Laboratory

This workshop will provide a brief review of the theory of infrared spectroscopy. Topics to be covered include how infrared light interacts with molecules, different forms of vibrations and how these vibrations appear in an infrared spectrum, sample handling and analysis factors which can affect the resultant spectrum, and what structural information can be obtained from the infrared spectrum of an unknown substance. Additional topics may include polymorphs, differentiation between structurally similar compounds, and criteria to determine when a known and unknown spectra “match”.

GENERAL

The 2017 Version of ISO/IEC 17025 and the Related ANAB Forensic Accreditation Requirements in a Nutshell – How to Crack that Nut! (formally listed as Roadmap to Transition (AR 3028))

Presenter: Laurel Farrell, Senor Accreditation Manager, ANSI-ASQ National Accreditation Board

Workshop Topic(s): Both ISO/IEC 17025:2017 and the related ANAB Forensic Accreditation Requirements documents have been updated and have moved to less prescriptive requirements. Mentioned in the Foreword to ISO/IEC 17025, this move is supported by an application of risk-based thinking and a focus on performance-based requirements (a move from “how” to “what”). This workshop will review the main sections of ISO/IEC 17025:2017 and for each section discuss the overarching concept and then focus on the intent of the requirements from both documents. For those requirements that are more open-ended, examples and/or exercises will explore options for conformance. Keeping in mind that the approach to conformance will most likely not be the same, for all forensic service providers! The relationship of Process-Risk- Continuous Improvement will be explored. Workshop participants will leave with a path forward to accreditation based on these updated accreditation requirements and a new perspective towards this revised approach to accreditation. The glass is half-full – the upside to risk-based thinking is opportunity!

Addressing Bias in Forensic Examinations (formally listed as Cognitive Bias)

Presenter: Jeremiah Morris, Forensic Scientist, Johnson County Sheriff’s Office Criminalistics Laboratory

Workshop topic(s): Scientific disciplines have long recognized the influence bias has upon both analytical testing as well as interpretation of the results from this testing. Although the majority of scientific and medical disciplines have recognized the potential for bias and have incorporated procedures to minimize the affect bias has upon the ultimately conclusions, crime labs have generally not addressed bias in their examinations. This workshop will provide an introduction into the mind of the expert, how we make decisions, how we process information, mental shortcuts our mind uses, and four major categories of bias - motivational, expectation, contextual, and confirmatory bias. The workshop will demonstrate how these forms of bias can adversely affect the forensic process from crime scene collection to courtroom testimony. The workshop will also provide possible solutions to assist in minimizing the affect bias ultimately has upon the conclusions made by forensic scientists.

TOXICOLOGY

Alcohol and THC Refresher: From DRE investigation to courtroom testimony

Presenters: April Bramlage, Special Agent/Forensic Scientist 2, Tennessee Bureau of Investigation; Melinda Quinn, D-ABFT, Tennessee Bureau of Investigation; Sergeant Joseph A. Zeitner, Jr., DRE, Mount Pleasant Police Department, Mount Pleasant, SC

This workshop will focus on the possible effects of less than per se (0.08gm %) alcohol in combination with other drugs, specifically THC, for basic or intermediate level toxicologists. Topics will include current knowledge based on published research, strategies for court testimony and case studies from a Drug Recognition Expert (DRE). This workshop will be a relaxed format where discussion and attendee participation will be encouraged.
Brittania Bintz holds a B.S. in Microbiology from the University of South Florida and an M.S. in Chemistry from Western Carolina University. She has served as a Forensic Research Scientist at Western Carolina University since 2004. The Forensic Genetics facilities at WCU are well-known for successful analysis of highly compromised samples including hair shafts, weathered calcified tissues, entomological samples and cremated human remains. Brittania has been instrumental in developing analytical methods for analysis of these challenging samples using cutting edge technologies such as targeted probe capture, massively parallel sequencing (MPS) and droplet digital PCR (ddPCR™) to name a few. She has successfully applied these techniques in house to resolve several missing persons cases. Additionally, her methods have been used successfully at the FBI, Pennsylvania State University and Innogenomics for analysis of forensically relevant samples. In addition to satisfying her own personal research agenda, Brittania is also responsible for mentoring upper-level undergraduate and graduate students in independent research projects, which she finds very rewarding. Topics of these projects have ranged from optimization of a field deployable, automated extraction method for entomological specimens to body fluid identification using mRNA markers or Raman spectroscopy. Her students have gone on to earn graduate degrees and to work in crime laboratories as interns and permanent employees.

April Bramlage is a Special Agent/Forensic Scientist 2 at the Tennessee Bureau of Investigation (TBI) in the Toxicology Unit at the Nashville Crime Lab. Her duties include the detection of alcohol and drugs in biological fluids, mostly blood and urine, reporting those findings and testifying in court when necessary. She has been with the TBI since 2007. In that time, she has analyzed thousands of case samples and been declared an expert witness in numerous District and Federal courts throughout Tennessee. April also responds to crime scenes as a Team Leader on one of the Violent Crime Response Teams. April has gone on to be directly responsible for the training of new Forensic Scientists as well the development and validation of new analytical methods within the laboratory. She has presented on alcohol and THC at local, state and regional events. April is a graduate of the University of South Florida with a B.S. in Biology and the University of Florida with a M.S. in Forensic Toxicology. During her tenure with the TBI, she has completed both Borkenstein Courses at Indiana University, as well as instrumental training courses at the Federal Bureau of Investigation (FBI) and Georgia Bureau of Investigation (GBI). April has also had the opportunity to observe law enforcement recruit Standardized Field Sobriety Test training with drinking volunteers at the Tennessee Law Enforcement Training Academy on several occasions. April has been a member of the Society of Forensic Toxicologists (SOFT) since 2010.

Michael Coble, PhD, is an Associate Professor and Associate Director of the Center for Human Identification at the University of North Texas Health Science Center in Fort Worth, Texas. He is a Fellow of the American Association of Forensic Sciences and a member of the International Society for Forensic Genetics. He serves on the OSAC Biological Data Interpretation and Reporting subcommittee, is an invited guest to the SWGDAM Haploid Marker committee, and is a member of the North Carolina Forensic Science Advisory Board. He is a co-editor of the Forensic Biology subject area of the forthcoming WIRE’s Forensic Science Journal and is a member of the editorial board for FSI: Genetics.
Jennifer Elliott is a forensic scientist who has been serving the forensic DNA community since 2004. She earned her Bachelor of Science in Molecular and Cellular Biology from the University of Connecticut in 2003 and began her career at the Massachusetts State Police Crime Laboratory shortly after. Through her years at the crime laboratory as a DNA analyst and supervisor, she worked on hundreds of DNA cases, processed crime scenes, and provided expert witness testimony. In 2010, she deployed to Iraq and Afghanistan in support of the United States Armed Forces where she functioned as a DNA analyst and DNA Site Lead. Throughout her time abroad, she expeditiously processed hundreds of forensic cases and provided the military with information never before introduced to the battlefield. Following her eighteen-month deployment, Jennifer decided gained employment consulting with forensic DNA laboratories in countries throughout the Middle East in an effort to improve laboratory efficiency and quality. In 2012 she joined Thermo Fisher Scientific as the Global Trainer for the Human Identification Professional Services team and provided training globally for laboratories after new forensic DNA technologies were validated. Recently, she accepted the role of Sr. Manager for the Forensic Science Applications Group. In this role, she and her team provide technical support to hundreds of laboratories in the United States and guidance internationally. Her team also ensures that the needs of the forensic DNA customer are addressed during development of new technologies. Jennifer’s motivation for becoming a forensic scientist originated from her family influences as forensic science combined her mother’s love of nursing and her father’s passion for law enforcement. However, when her career commenced, she could have never anticipated the opportunities and journey that was ahead of her.

Dr. Donna M. Iula is the Director of Forensic Chemistry at Cayman Chemical. She earned a Ph.D. in Synthetic Organic Chemistry from the State University of New York at Stony Brook (Stony Brook University) and did Post-Doctoral training at the University of Miami. Dr. Iula then worked for seven years in the pharmaceutical industry as an R&D scientist and medicinal chemist prior to joining Cayman Chemical in 2007. She has several research publications, authorship on book chapters, and is co-inventor on several pharmaceutical patents. Dr. Iula has also presented numerous scientific posters and oral presentations at both American Chemical Society national meetings, regional forensic conferences, and webinars. In addition, she has used her knowledge and expertise in emerging drugs of abuse by providing training to state forensic crime labs. Her current area of focus is understanding the needs of forensic chemists, toxicologists, and research scientists to direct the efforts of Cayman scientists in providing reference standards to that community.

Mark R. Jones is a successful crime writer and tour guide for ten years, Jones has spent more than seven years researching the dark side of Charleston’s history, and the rest of his life living some of it. He is a ninth-generation native of South Carolina. He is a licensed City of Charleston tour guide, conducting carriage tours for Palmetto Carriage and daytime history and nighttime ghost tours for Bulldog Walking Tours. Mark is also one of a select group of guides who conducts the Dark Side of Charleston Tour for Bulldog: the tour that inspired the writing of the Wicked Charleston books. The Dark Side is the only non-ghost nighttime tour in Charleston. On average, Mark conducts twenty tours a week, about one thousand per year. He is the author of Wicked Charleston: The Dark Side of the Holy City, which covers the history of the founding of Charles Towne from a unique perspective: drinking, prostitution and murder. The Charleston Post and Courier called the book “a solid (if tipsy) foundation for the revelry to come.” Wicked Charleston, Volume 2 is the continuation of that revelry. In his free time, Mark is always on the prowl for new salacious stories about Charleston. Information about Mark, his books, tours, personal blog and speaking engagements can be found at his web site: www.wickedcharleston.net.
Dale Laux began his forensic science career in 1980 after graduating from The Ohio State University with a Master’s of Science degree in developmental biology. He studied limb regeneration in salamanders and owes his scientific reasoning to his advisor, Dr. Roy Tassava, who taught him how to think and rationalize. Dale spent his entire forensic career with the Ohio Bureau of Criminal Identification and Investigation (BCI), a division of the Attorney General’s Office. He witnessed and had been a part of the evolution of forensic biology from ABO and genetic markers to DNA. Dale has authored or co-authored 12 papers, presented 21 papers, and has lectured on a wide variety of forensic topics. He is an emeritus member and past president of the Midwestern Association of Forensic Scientists (MAFS) and a Retired Fellow of the American Academy of Forensic Sciences. He was named Ohio Peace Officer of the Year in 1988, received the Superintendent’s Award from BCI in 2004, and was given the Distinguished Service Award from MAFS, their highest honor. Dale currently is an adjunct professor at Cleveland State University and Baldwin Wallace University teaching courses in criminalistics, forensic biology and forensic microscopy. He is also applications advisor for Seratec which affords him the opportunity to attend forensic science meetings and provide workshops on the detection and analysis of body fluid stains. Dale has a wife Denise who shares his passion of science, and two grown sons, David and Kevin.

Nathan K. Layle is a synthetic organic chemist in Cayman Chemical’s Forensic Chemistry department. He earned his B.Sc. in Chemistry from the University of Michigan and his M.Sc. in Organic Chemistry from the University of Chicago. Nathan worked in industry for several years in the areas of process chemistry and custom synthesis at BoroPharm, Inc., and joined Cayman’s ISO QC department in 2015. There, he used his instrumentation experience to contribute to analytical method development and reference material testing under ISO 17025. Nathan transitioned to the Forensic Chemistry group in 2017 where he is currently focused on synthesizing phytocannabinoid and opioid reference standards.

Tim McKibben started his professional career as a synthetic organic chemist for Pfizer’s Central Research laboratories where he made novel antibiotics for human use. He then spent the next 24 years working as a drug chemist, research chemist, and lab agent on three levels of government service (e.g. local, state, and federal). Mr. McKibben has testified in two foreign countries and investigated and processed drug labs and evidence recovered from labs located on 5 continents. He now spends his time running his company Synthcon, a DEA bulk manufacturer, manufacturing controlled and non-controlled substances and teaching a wide variety of topics to forensic chemists from many agencies. He has presented and authored or co-authored multiple papers and monographs involving drug synthesis and drug analysis techniques.

Jeremy Morris is a forensic scientist at the Johnson County Sheriff’s Office Criminalistics Laboratory in Kansas and is assigned to the Trace Evidence Section. He has 18 years of experience in a number of forensic disciplines including controlled substance analysis, trace evidence examinations, and bloodstain pattern analysis. Jeremy has taught workshops on controlled substance analysis, bloodstain pattern analysis, and cognitive bias for over ten years at forensic laboratories and professional organizations across the United States. He is a member of a number of professional forensic organizations including the Midwestern Association of Forensic Scientists, the International Association for Identification, the American Society for Trace Evidence Examiners, the International Association of Bloodstain Pattern Analysts, SWGSTAIN, and OSAC. Jeremy is certified by the International Association for Identification as a Certified Bloodstain Pattern Examiner and is a Past President of the Midwestern Association of Forensic Scientists.
Melinda Quinn: Growing up in an era of limited TV options, I loved watching Quincy ME. Between that, and hearing tales of my mother’s nursing experiences over dinner, I was drawn to biology and chemistry as a course of study in college. I finished my undergraduate degree in biology from Middle Tennessee State University in 1999. After graduation, once I realized that there were not really biology jobs for folks with BS degrees, I happened to land a job at a private workplace drug testing lab. I was lucky enough to work for a guy that encouraged me to continue my education in Forensic Toxicology. I worked at an environmental lab while I was completing my Master’s Degree through the University of Florida. Then in 2006 I began working at the Tennessee Bureau of Investigation Crime Lab. We receive approximately 1000 DUI, vehicular homicide and DFSA cases a month from the Middle Tennessee area. The more I learn about toxicology the more I know how much I have to learn. I have especially enjoyed being involved with the training of the new scientists in our unit; I feel like I probably get more out of it than they do.

Lieutenant Rita Y. Shuler was supervisory special agent of the South Carolina Law Enforcement Division (SLED) for twenty-four years. She interfaced with the attorney general’s office, solicitors and investigators, providing photographic evidence assistance in the prosecution of thousands of criminal cases. Her interest in photography started as a hobby at the age of nine with a Kodak brownie camera. Before her career as forensic photographer, she worked in the medical field as a radiologic technologist for twelve years. Her interest in forensic science evolved when she X-rayed homicide victims to assist with criminal investigations. Shuler received her specialized law enforcement photography training at the South Carolina Criminal Justice Academy in Columbia, South Carolina, and the FBI Academy in Quantico, Virginia. Shuler holds a special love for South Carolina’s coast and is a devoted crabber and runner. She resides in John’s Island, South Carolina.

April Troyer has dedicated her career to forensic DNA science since 2000. She received a Bachelor of Science in Genetics from Texas A&M University and quickly gravitated towards the DNA section of the crime lab shortly thereafter. She was hired by the Texas Department of Public Safety lab where she enjoyed six exciting years of work as a DNA analyst. During her tenure at TXDPS she held roles in the case work section, database section, training team, and acted as the local CODIS administrator. This work included processing crime scenes, working hundreds of cases, testifying in court as an expert witness, and training new analysts. In 2006 April was hired by Applied Biosystems as an HID Field Applications Specialist. In this role she provided training and technical support to HID customers in North America. She was delighted to work with numerous forensic labs in the US and Canada and enjoyed the added benefit of excellent status with multiple airlines. In 2015 she accepted the role of HID Technical Training Manager for Thermo Fisher Scientific. Her work in this position has focused on creating training materials and classes for new HID products. Additionally, she trains internal TFS teams on workflows and HID University classes. This has allowed her to work with all global regions and understand the unique needs of HID customers around the world. When April is not working she can be found chasing around her one year old son who is the absolute joy of her life. April and her husband are happy (and exhausted) new parents who look forward to adventures with their newly expanded family.

Emily Wilkinson is a scientist working in the forensic laboratory of the Allegheny County Office of the Medical Examiner’s Office. She has been working approximately nine years in the drug chemistry section, and was a part of the Mobile Crime Unit for approximately four years. She received a bachelor of science in Chemistry/Forensic Science from Edinboro University in Edinboro, PA (2006) and a master of science in forensic science from Marshall University in Huntington, WV (2008). Her work in the drug chemistry section has allowed her to experience a vast array of controlled substances and sample presentations, controlled and not-controlled substances included. Most recently, the analysis of multiple emerging opioids and trends in the local opioid epidemic has been the front runner in casework.
Josh Yohannan received a bachelor’s degree in chemistry and economics from Vassar College. Received a master’s degree in chemistry at North Carolina State University. Began his career as a crime scene technician at the Baltimore Police Department and moved into the drug chemistry unit. Went to the Howard County Police Department (MD) as a forensic chemist. After Howard County he went to the DEA Special Testing and Research Laboratory and was a member of the Emerging Trends Drug Group, focusing on synthetic cannabinoids, substituted cathinones, and phenethylamine hallucinogens. Currently the laboratory manager for the trace and drug chemistry units at the Allegheny County Office of the Medical Examiner.

Joseph A. Zeitner, Jr. is a Sergeant with the Mount Pleasant Police Department. He started in law enforcement in 2005 as a reserve deputy with the Berkeley County Sheriff’s Office and joined Mount Pleasant Police Department in 2006. Prior to being in law enforcement was employed by Bayer and various subsidiaries for nine years in roles ranging from quality assurance lab technician, chemical operator, associate systems analyst, and capital project automation engineer. Along with these duties also served on the chemical plant’s Fire Brigade, High Angle/Confined Space Rescue Team, and was a certified EMT-Basic on the chemical plant operated ambulance. Mr. Zeitner still currently serves part-time with the Ashley River Fire Department as a Firefighter/First Responder and has been doing so since October 2001. He served in the traffic services bureau of the Mt. Pleasant Police Department from August 2009 – January 2014 and in the position of a Highway Enforcement of Aggressive Traffic officer with primary responsibility of DUI enforcement and education from May 2010 – January 2014. Mr. Zeitner completed the Traffic Safety Officer program in August 2009. He is a certified Specific Skills and DUI Detection/Standardized Field Sobriety Test Instructor and has successfully completed the Drug Evaluation and Classification Program and is a certified Drug Recognition Expert as well as a Drug Recognition Expert Instructor. Sgt. Zeitner instructs Alcohol Source Investigation as part of the South Carolina Alcohol Enforcement Training team which is involved in education, enforcement, and prevention of underage drinking in South Carolina.
GE Healthcare’s Life Sciences business delivers breakthroughs in tools for drug discovery and biopharmaceutical manufacturing and the latest in cellular technologies, enabling scientists and specialists around the world to discover new and better ways to predict, diagnose and treat disease earlier. The Life Sciences business also makes systems and equipment for the purification of biopharmaceuticals.

Cayman is a leader in the field of emerging drugs of abuse, providing high-purity Schedule I-V Controlled Substances to federally-licensed laboratories and qualified academic research institutions for forensic analyses. We are certified by ANAB Accreditation Services with dual accreditation to ISO/IEC 17025:2005 and ISO Guide 34:2009, providing a range of analytical standards, including synthetic cannabinoids, cathinones, phenethylamines, amphetamines, indanes, opioids, benzodiazepines, tryptamines, and phytocannabinoids, among many others.

Customer success is our mission. Waters creates business advantages for laboratory-dependent organizations by delivering practical and sustainable scientific innovation to enable significant advancements in such areas as healthcare delivery, environmental management, food safety, water quality, consumer products, and high value-added chemicals. Bringing keen understanding and deep experience to those responsible for laboratory infrastructure and performance, Waters helps customers make profound discoveries, optimize lab operations, deliver product performance, and ensure regulatory compliance. Pioneering a connected portfolio of separation and analytical science, laboratory informatics, and mass spectrometry, Waters’ technology breakthroughs and laboratory solutions provide an enduring platform for customer success.
PerkinElmer is a global leader committed to innovating for a healthier world. Our dedicated team of about 11,000 employees worldwide are passionate about providing customers with an unmatched experience as they help solve critical issues especially impacting the diagnostics, discovery and analytical solutions markets. Our innovative detection, imaging, informatics and service capabilities, combined with deep market knowledge and expertise, help customers gain earlier and more accurate insights to improve lives and the world around us.

SERATEC® offers a range of high quality products for the rapid detection of human bodily fluids. These test kits are suitable for both laboratory and crime scene examination and have best references from the leading forensic laboratories worldwide. Also, we produce the SERATEC® SeraQuant, a state-of-the-art immunoassay reader device for the objective and accurate quantification of the test results.

Agilent is a leader in life sciences, diagnostics and applied chemical markets. The company provides laboratories worldwide with instruments, services, consumables, applications and expertise, enabling customers to gain the insights they seek. Agilent’s expertise and trusted collaboration give them the highest confidence in our solutions.

It has been a long way since the original small group of founders in 1975 started the activity always focused with great enthusiasm and deep dedication to the development of technologies and commercialization in the gas-chromatographic field. Today, that team has become an international structure with sites and offices in Italy, Switzerland, USA and India, serving the scientific community with technologies, applications, and expertise. The driving force of the team has been kept unchanged throughout the years and governing factor of mastering evolution through innovation has become a mantra for the Company.
Leeds manufactures and sells comparison microscopes and imaging systems, made in the USA of U.S. parts and imported parts, to forensic laboratories in the U.S. and around the world. Acclaimed domestically and internationally, Leeds comparison microscopes and imaging systems are setting the standards for quality and performance in forensic laboratories everywhere.

LIPOMED is a private Swiss Health Care Company. We are one of the leading companies for Reference Standards worldwide and specialized in the research, development and manufacturing of ethical pharmaceuticals and products for the treatment of rare diseases. Since 1993 Lipomed is dedicated to providing products and services of outstanding quality and expertise. We have our own GMP/GDP and ISO 9001 certified pharmaceutical production facilities in Arlesheim near Basel. We are also ISO/IEC 17025 accredited for testing of analytical reference standards and ISO Guide 34 accredited for the production of reference material. Our innovative products are marketed and distributed with offices and partners in more than 50 countries around the world.

UNITRON® specializes in high quality, precision instruments for industrial, metallurgical, materials science, research and educational applications. Since 1952, UNITRON’S microscopes and related optical accessories have been consistently used and trusted worldwide in such prestigious companies as Intel, BAE Systems, ITT, GE, Williams Co., DuPont, Boeing, 3M, Alcoa, MIT, Raytheon, SONY, Texas Instruments, iRobot, Northrop Grumman, United Technologies and the Mayo Clinic. From our U.S. owned and operated facilities we provide the management, quality control, design, marketing and customer service that make UNITRON® microscopes a market leader. Through our worldwide network of manufacturing facilities we are able to manufacture superior instruments and optical components to our specifications at reasonable prices. To ensure the best in quality and performance we visit, inspect and audit each of our manufacturing partners on a regular basis.
Analytical Solutions and Providers (ASAP Analytical) was established in 1998 to provide customers with single source solutions for their analytical needs. ASAP manufactures the IRD 3 a vapor phase FTIR instrument engineered and designed to interface with a gas chromatograph, the IRE-1 an OEM product that provides a customized interferometer for your product needs, a PTV inlet for Agilent GC’s that can make injections up to 500µL and a Peltier cooling option that provides sub-ambient temperature control of the TITAN XL without the use of LN2 or CO2. ASAP provides in-house, field and OQ service for Agilent and Hitachi products along with a complete list of consumables for these products. ASAP is a family owned small business and we take pride in giving customers the highest level of individual attention to meet and exceed their expectations.

To raise the level of competence in Forensic Science through peer-based certification and promotion of professional development. The ABC is dedicated to the highest standards and programs for scientists involved in the administration of justice.
On September 9, 1966, forensic scientists from the southern region of the United States met in Atlanta, Georgia and adopted the first constitution of the organization known as the Southern Association of Forensic Scientists. This was not the first meeting of this group, which had met previously in Baton Rouge, Louisiana and Auburn, Alabama. There were 47 original or charter members. As of this writing, there are approximately 325 SAFS members.

SAFS is the oldest of the regional forensic scientist associations with the exception of the California Association of Criminalists.

SAFS is an organization of practicing forensic scientists and forensic science college and university educators. There are three types of membership offered: regular, retired, and student affiliate. To gain voting membership in SAFS it is essential that a prospective member has given expert testimony in some court of the criminal justice system, or has advanced the cause of forensic science in some significant manner. Additionally, regular membership requires attendance at one or more of the annual meetings. Student affiliate membership is renewable on an annual basis and the applicant must be engaged in science studies with a forensic science career goal. Membership applications of all types are considered at the Business Meeting of the SAFS. The Annually SAFS Training and Business Meeting is held at various locations in the southern region of the United States. Meeting locations are selected about two years in advance.
Desirée Reid: President (2017-2018 Term)

Desirée A. Reid was voted into SAFS in 1989 as the “token Yankee” and has been extremely proud to represent this organization in the forensic community at large, in addition to acting as the SAFS Board of Directors representative to the American Board of Criminalistics since 2006. Desirée has presented several papers at numerous SAFS meeting, presided as the Drug Chemistry Chair for the inaugural Joint Association Meeting in Orlando, FL in 2004 and the 50th Anniversary Meeting in Sarasota, FL. She was the Program Chair (and Zumba instructor!) for the second Joint Association Meeting in Orlando, FL in 2009. Desirée is the Program Chair for the upcoming third Joint Association Meeting in Atlanta, GA in 2020. She is humbled to be sitting as the current President of the organization and thanks each and every member for their confidence in her ability to steer SAFS towards another year of success. Desirée has been married to her husband Anthony for 12 years and has 5 furry kids. She and her husband volunteer weekly for Rescue Ridge, a non-profit, no kill animal rescue. She annually plans a Zumba charity event to raise much needed funds for the rescue and has been known to show up in costume! She still lives in NJ and works in the Drug Analysis unit of the NJ State Police East Regional Lab. She is looking forward to being able to retire from this system in 2020 and become a full time Southerner. Positive advice and hints are quite welcome!

Danny Kirkpatrick: President Elect (2017-2018 Term)

Danny Kirkpatrick has been in Forensics for 33 years. He began his career in the Dallas County Medical Examiner’s office in 1982 in the Toxicology section and then moving over to the Drug Chemistry section. He moved home to Alabama in 1990 to begin working at the Alabama Department of Forensic Sciences in the Drug Chemistry section. While with Alabama he has been a section chief and Laboratory Director in the Tuscaloosa Laboratory and now is in the Birmingham laboratory as the analyst for Fire Debris. He has had memberships in the American Academy of Forensic Sciences; Southwestern Association of Toxicologists; Northeast Association of Forensic Scientists and Midwestern Association of Forensic Scientists. He has been a member of SAFS for over 25 years, serving on the Board of Directors for the past 3 years.
Tanja Kopp, B.S.: Treasurer (2017-2020 Term)

Tanja earned her Bachelor of Science degree in Chemistry with a minor in Physics from Armstrong Atlantic State University in Savannah, Georgia. She has been employed as a Forensic Scientist with the Georgia Bureau of Investigation since 1999. She has analyzed approximately 19,000 Drug Chemistry cases. She has been accepted as a Forensic Drug Chemist in Superior Court in various Georgia counties as well as Federal Court. She is certified in Clandestine Laboratory Response and previously assisted in the training of officers and agents in this area. She has also taught the Marijuana Identification Course. She is an Instrument Specialist for gas chromatography/mass spectrometry and liquid chromatography for the Coastal Regional Lab. Tanja has been a member of SAFS since 2002 and was elected Treasurer in 2014 and 2017. She was program chair for the 2014 Annual meeting held in Savannah, Georgia.

Kristen Fripp: Secretary (2017-2020 Term)

Kristen Fripp is the Assistant Laboratory Manager at the Georgia Bureau of Investigation (GBI) Coastal Regional Crime Laboratory supervising the chemistry and biology sections, where she has worked since 1999. She is a qualified Forensic Serologist and Forensic DNA Analyst. She has also served as the statewide Forensic Biology Technical Leader from 2006 to 2010. Ms. Fripp serves as the GBI’s representative on the DNA Forensic Science Technology Working Group (TWG). She is also an affiliate of the Organization of Scientific Area Committees for Forensic Science (OSAC), serving on two task forces in the biological data interpretation and reporting subcommittee of the Biology/DNA Scientific Area Committee. Ms. Fripp has a master’s of public safety administration from Columbus State University, a master’s degree from Georgia Institute of Technology and a bachelor’s degree from Long Island University. Kristen has been a member of SAFS since 2001 and has served as secretary since 2014. She was the workshop chair for the 2014 SAFS Annual meeting held in Savannah, Georgia.

Board of Directors

Nicole Astor, Members-at-Large (2016-2018)

Lynn Black, Members-at-Large (2016-2018)

Mike Healy, Members-at-Large (2017-2019)

Karlie McManaman, Members-at-Large (2017-2019)

Diana Williams, Past President (2017-2018)
We would like to express our appreciation to the following businesses that provided donations for door prizes, the swag bags or the hospitality suite.

**THANK YOU!!!!!!**

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A very special THANK YOU to everyone who worked so hard to make this meeting successful. There is not enough room to list each person individually that had a part in this meeting’s success, but know that we appreciate and thank each and every one of you!

South Carolina Law Enforcement Division and the Georgia Bureau of Investigation, Division of Forensic Sciences for allowing us to plan this meeting

Jackie Davis and Dodie Yarbrough for all of the help with door prizes

Toni Broome for being the point person for posters and presentations

Marissa Bono for the assistance in setting up the check-in table, name tags and swag bags

Tanja Kopp, SAFS Treasurer for the support, ideas and assistance in planning and execution of the meeting

Ben Chambless, Spartan I.T. Solutions for the website

Charleston Mayor John Tecklenburg

Amanda Jett, Beth Hilton, and Jason Roach at the Doubletree and Tanya Reagor at the Hampton Inn for your patience and assistance in planning. We don’t do this every day!

Joni Adams and Cheryl Schreiner, HelmsBriscoe for all of the support. We could not have done this without you!

We’d like to express appreciation to all of our plenary speakers and workshop presenters.

Again, thank you to our exhibitors and those who made donations.

Lynn Black, Social Chair

Kristen Fripp, Program Chair

Laura Zimmerman, Workshop Chair
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