

ALABAMA STATE ASSOCIATION OF FORENSIC SCIENCES



2024 ANNUAL MEETING

MARRIOTT HUNTSVILLE SPACE AND ROCKET CENTER

MAY 28TH—MAY 31ST, 2024

LET'S CONNECT



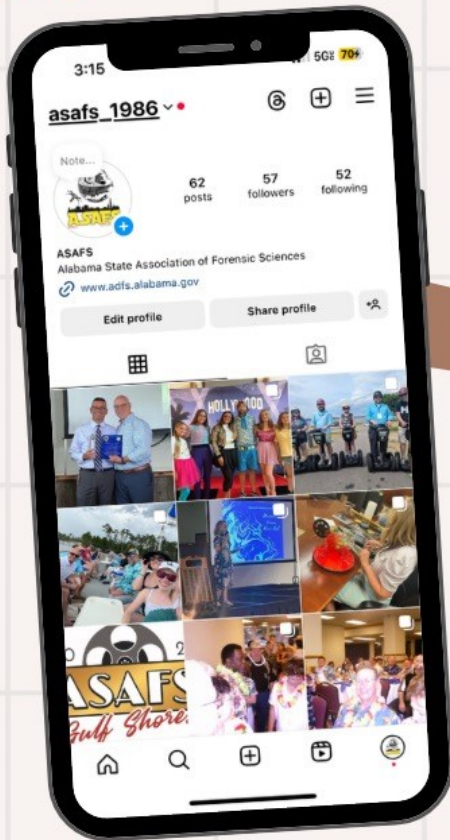
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Alabama State Association of Forensic Sciences

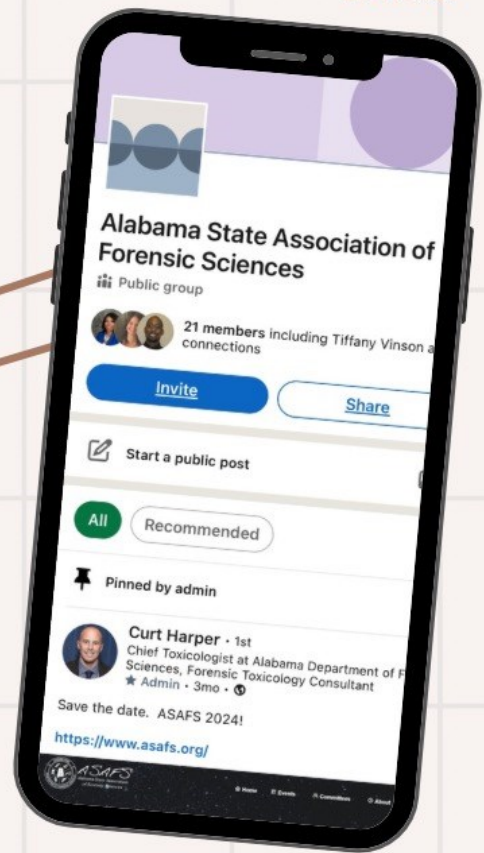
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Alabama State Associations
of Forensic Sciences

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WELCOME FROM THE PRESIDENT

Dear ASAFS Members,

It is with great pleasure and pride that I welcome you to this year's Annual Conference of the Alabama State Association of Forensic Sciences (ASAFS). As your President, I am honored to serve an organization dedicated to advancing forensic science and making Alabama safer.

This year, our conference, held in Huntsville, AL from May 28th to May 31st, promises to be a dynamic and exciting event. We have created a program that encompasses a wide range of topics. The theme of this year's conference is "May the Force be with you". We are excited to incorporate a Star Wars theme, adding a unique and engaging twist to our proceedings.

We are privileged to host an array of distinguished speakers, including our keynote speaker, John Fudenberg, the former Las Vegas county coroner during the 2017 Route 91 Harvest Festival mass shooting event.

The opening reception will be held at the U.S. Space & Rocket Center's Saturn V Hall, offering a unique and inspiring backdrop as we kick off our conference. It promises to be an evening of camaraderie and connection, set among the icons of space exploration. We are delighted to announce that the band Todd Simpson and Mojo Child will be performing at the reception, ensuring a lively and memorable start to our conference.

On Wednesday night, we will honor Dale Carpenter, Ph.D., at the Meritorious Award Dinner. This special event will recognize Dr. Carpenter's outstanding contributions to our field, and it will be a memorable evening of celebration and acknowledgment of his significant achievements.

ASAFS 2024 is offering an exciting array of excursions, including visits to the Space and Rocket Museum, thrilling escape room challenges, axe throwing at Campus No. 805, and rounds of fun at Top Golf. Participants can also take advantage of an all-in-one pass, which features some of Huntsville's top attractions.

Thursday night will feature a Banquet Dinner with a Star Wars dress-up theme for attendees, complemented by a DJ to ensure an enjoyable and festive evening. It will be a fun and engaging way to conclude our conference activities.

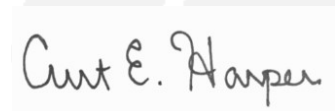
In addition to these exciting events, our conference will emphasize strong scientific content, including discipline-specific training, discipline updates, poster presentations, and breakout sessions, providing 15 continuing education hours (33 presentations). These sessions are designed to ensure that our members stay at the forefront of forensic science and continue to uphold the highest standards of our profession.

I would like to extend my heartfelt gratitude to the officers, committees, speakers, volunteers, and all participants for their contributions to making this conference a success. I would like to acknowledge our sponsors: Agilent, Forensic Pathology Staffing, ThermoFisher, Qiagen, Legacy of Hope, the National Center on Forensics (NCF), United Chemical Technologies, and Draeger. Please take a moment to visit their booths and thank them for their continued support of our organization.

As we navigate the evolving landscape of forensic sciences, I am confident that this conference will provide us with tools, knowledge, and inspiration to continue our important work.

Thank you for your commitment to excellence and integrity in forensic sciences. I look forward to seeing you in the Rocket City.

Sincerely,



Curt E. Harper, Ph.D.

President, Alabama State Association of Forensic Sciences (ASAFS)

MEETING AGENDA

Tuesday, May 28th

1-4 pm

Registration

5:30-6:30 pm

Welcome Reception

USSRC

6:30-7:30 pm

Dinner  **Agilent**

USSRC

7:00-10 pm

Todd Simpson and
the Mojo Child Band

USSRC

9-12 am

Hospitality Suite

Wednesday, May 29th

7-8 am

Breakfast

Salons A-C

8-9 am

State of the Department
Director Angelo Della Manna

Salons D-F

9-11 am

Keynote Address
John Fudenberg
Mass Fatality Preparedness

Salons D-F

11:30-1:00 pm

Vendor Booths Open

Salons A-C

11:30-1:00 pm

Lunch & Poster Session

Salons A-C



1-5:00 pm

Discipline Workshops

See Pages 10-17

3-3:30 pm

Networking Break



5-7 pm

Vendors Social*

The Courtyard

7-9 pm

Meritorious Awards Dinner

Salons A-C



9-12 am

Hospitality Suite

*Invite Only

MEETING AGENDA

Thursday, May 30th

5:45-7 am

Fun Run 
LEGACY of HOPE
Alabama's Organ & Tissue Donation Alliance

Front Lobby

7-8 am

Breakfast
Student Round Table*

Salons A-C
Columbia

8-12 pm

Breakout Sessions

See Pages 19-22

10-10:25 am

Networking Break



10-1 pm

Vendors Open

Salons A-C

12-1 pm

Lunch
Grab and Go

1-5 pm

Excursions

See Pages 31-32

7-9 pm

Dinner
Space Theme Dress Up

Grand Ballroom

9-12 am

Hospitality Suite



Friday, May 31st

7-8 am

Breakfast

Salons A-C

8-10:15 am

Discipline Updates

Salons D-F

10:15-10:45 am

Networking Break

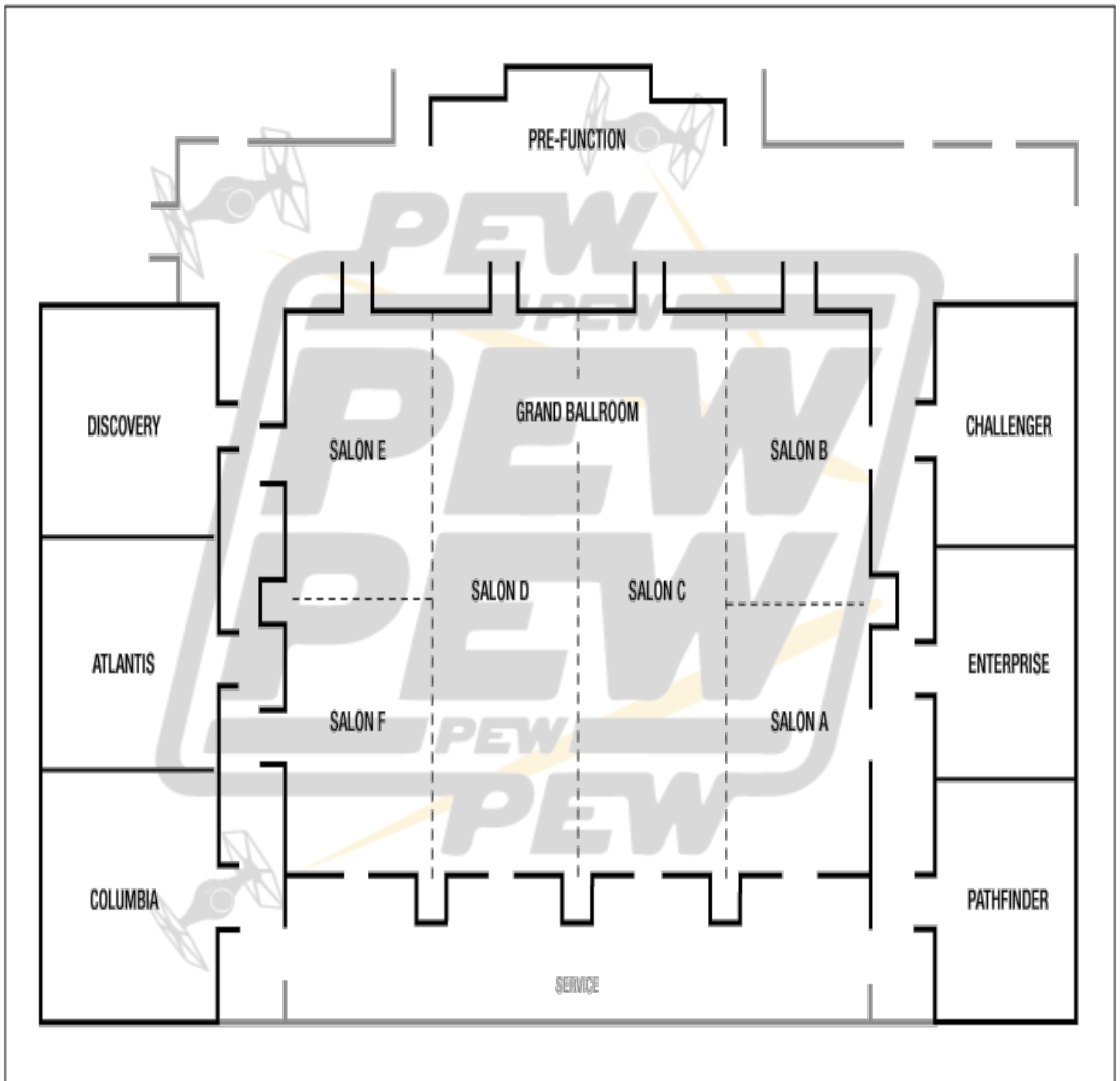
10:45-12:00 pm

Business Meeting

Salons D-F

***Invite Only**

FLOOR PLAN



KEYNOTE SPEAKER

JOHN FUDENBERG



Mass Fatality Preparedness—Lessons Learned from the Mass Shooting in Las Vegas

John Fudenberg is the Executive Director for the International Association of Coroners and Medical Examiners (IACME) and also conducts private consulting services in the medicolegal profession, disaster preparedness and legislative services.

John retired in 2020 after over thirty years of public service in law enforcement and the medicolegal profession. John served as the Coroner for the Clark County Office of the Coroner/Medical Examiner (CCOCME) in Las Vegas, Nevada. John is a past commissioner of the National Commission on Forensic Science, the former chair of National Institute of Standards & Technology Organization of Scientific Area Medicolegal Subcommittee (NIST OSAC) and currently serves as the chair of the American Academy of Forensic Sciences Standards Board (ASB) Medicolegal Death Investigation Consensus Body. John is also a past president of the IACME.

In October 2017, John led the coroner's response team after the mass shooting in Las Vegas, Nevada, bringing to the forefront the need for continuous planning, coordination, and training in the medicolegal death investigation field as well as the need to aggressively address wellness/mental health in Coroner/Medical Examiner Offices.

DISCIPLINE WORKSHOPS



ADMINISTRATION DISCIPLINE

WORKSHOP

DISCOVERY

1:00 PM-5:00 PM	Administration Discipline Meeting (ADFS Personnel Only)
	Holli L. Baker, Deputy Director <u>Training Topics</u>
	<p>(2 hours) Customer Service [Armstrong and Bass]</p> <p>Administrative staff routinely receive inquiries from customers needing assistance with a wide variety of issues—requests for reports, death certificates, ESR account issues, and scheduling appointments are just a few examples. This training will review common customer inquiries and provide staff with the knowledge to assist at the moment.</p> <p>(30 minutes) Open Forum/Break</p> <p>(1-1/2 hours) Batch Processing of AOC/SCN/NOF Case Closures [T. McSpadden]</p> <p>A new iLIMS/LIMS programming feature has been developed to batch process case closures as a result of Administrative Office of Courts (AOC), Service Cancelled Notification (SCN), or Not on File (NOF) information. Currently, the case closure process is tedious and time consuming as only one case at a time can be closed. Batch processing of case closures will significantly improve efficiency by allowing multiple cases at a time to be closed.</p>

FORENSIC PATHOLOGY/DEATH INVESTIGATION WORKSHOP COLUMBIA

1:00 PM-5:00 PM	Forensic Pathology Death Investigation Discipline Meeting
	<p>(1.0 hour) Exhumation Autopsy: Why, When, and How? [Dr. Paul Benson, UAB]</p> <p>Dr. Paul Benson will discuss reasons and prerequisite for exhumation of a body for autopsy in the forensic setting. Two case examples will be presented to highlight the process and outcomes.</p> <p>(1.0 hour) Forensic Pathology Death Investigation updates:</p> <ul style="list-style-type: none"> Update on full-body imaging and plan for each facility ABMDI new level of certification Use of PDMP in case investigation <p>(15 minutes) break</p> <p>(1.5 hours) Neuropathology Sunflower Syndrome [Dr. Brandon Maveal, UAB]</p> <p>Dr. Maveal will review the epidemiology of epilepsy and seizure disorder to include gross anatomic and microscopic assessment. Illustrative case review will include a rare case of Sunflower Syndrome.</p>

DRUG CHEMISTRY DISCIPLINE

WORKSHOP

HUBBLE

1:00 PM-5:00 PM	Drug Chemistry Discipline Meeting
	Andrea Headrick, Chemistry Discipline Chief <u>Training Topics</u> (2 hours) Unknown Analysis for GC/MS [Kirk Lokits] - Joint Session Unknown Analysis (UA) is part of the MassHunter software. Unknowns Analysis technically it falls under the Quant software portion of MassHunter. UA will increase the efficiency of data review instead of manually walking the chromatogram and manually performing background subtraction from merged peak spectra (Co-eluting peaks) to generate cleaner spectra to create a higher library match score (LMS).
	(1 hour) An In-depth Review of Search, Compare, and Macro Settings for Optimized FTIR Data Analysis [Justin Lang] (1 hour) Color Tests: Mechanism of Action [Tracy D'Alessandro] Review of the chemical reactions occurring between the color reagents and drug of abuse in the two common color test in Drug Chemistry.

FIREARM/TOOLMARK

DISCIPLINE WORKSHOP

ENTERPRISE

1:00 PM-5:00 PM	FATM Discipline Meeting
	Adam C Grooms, FA-(AFTE), Discipline Chief <u>Training Topics</u>
	<p>(60 minutes) Discipline Updates – [A.Grooms]</p> <p>Discussion of the FY2022- 23 production and staff awards for 2023. Team objectives and information for the FY2023-24 and current state of FATM.</p> <p>(30 minutes) ASB 107 - Best Practice Recommendation for Measuring Trigger Pull of a Firearm and Estimating Its Uncertainty [A.Grooms]</p> <p>ASB 107 will be discussed to improve our FATM SOP appendix for trigger pull analysis.</p> <p>(30 minutes) Innocence Project Amicus Brief in Support of Jihada Aaron Motion [D. Cooper]</p> <p>Discussion of the defense motion submitted to Ohio court by the Innocence Project. The case motion was scheduled but a plea deal was taken. Review of the critics areas of deficiency will be evaluated.</p> <p>(30 minutes) Open Forum/Break</p> <p>(1 hour) NIBIN workflow and updated procedures – [J. Coleman]</p> <p>Presentation of the current updates to the NIBIN workflow and standard operating procedures. This presentation will present a case from start to finish and explain procedures of potential associations in the NIBIN ATF database.</p>

FORENSIC BIOLOGY

DISCIPLINE WORKSHOP

ATLANTIS

1:00 PM-5:00 PM	<p>Forensic Biology Discipline Meeting</p> <p>(60 minutes) Qiagen Qiagen will update us on their Next Generation Sequencing (NGS) and Forensic Investigative Genetic Genealogy (FIGG) workflows and share some of their successes. Additionally, Qiagen will present their EZ2 Connect workflow, which can be used for the processing of bone samples and fired cartridge casings.</p> <p>(60 minutes) Life Technologies Life Technologies will update us on their Rapid DNA workflow within a booking station. Additionally, Life Technologies will present on the use of a Rapid DNA instrument to aid in the identification of human remains, to include in a mass disaster setting.</p> <p>BREAK (ADFS ONLY AFTER BREAK)</p> <p>(120 minutes) Forensic Biology Update Jason Kokoszka will provide an update on the Forensic Biology section, to include accomplishments of the previous year and future directions.</p> <p>Ryan Smith will be presenting the DNA results and STRmix interpretations from a challenging case that he recently worked. Those attending the discipline meeting will have the opportunity to work through the STRmix interpretations together.</p> <p>Laura Wendell will be presenting the DNA results her group obtained from a challenging set of unidentified human remains, and Donna Gibbons will be presenting the DNA results her group obtained from a unique type of DNA reference sample.</p>
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IMPLIED CONSENT DISCIPLINE

WORKSHOP

PATHFINDER

1:00 PM-5:00 PM	Implied Consent Discipline Meeting
	Gregory L. Turner, Ph.D., Technical Director
	<p>(2 Hours) Court File Preparation DMT - [Turner] This training will describe how to prepare a court file for an Intox DMT case.</p> <p>(30 minutes) Open Forum/Break</p> <p>(1 Hour) Interpretation of DMT Test Data – Download – [Turner] This training will go into detail about how to evaluate and interpret DMT test data to determine the proper course of action when issues arise.</p> <p>(30 minutes) IACT Recap – [Maxwell] This training will provide a recap of the presentations given at the 2024 IACT Conference.</p>

TOXICOLOGY DISCIPLINE

WORKSHOP

CHALLENGER

1:00 PM-5:00 PM	Toxicology Discipline Meeting
	Curt E. Harper, Ph.D., F-ABFT, Chief Toxicologist
	<u>Training Topics</u>
	(2 hours) Unknown Analysis for GC/MS [Kirk Lokits] Unknown Analysis (UA) is part of the MassHunter software. Unknowns Analysis technically it falls under the Quant software portion of MassHunter. UA will increase the efficiency of data review instead of manually walking the chromatogram and manually performing background subtraction from merged peak spectra (Co-eluting peaks) to generate cleaner spectra to create a higher library match score (LMS). <i>Note: Drug Chemistry and R & D will also be participating. Located in Hubble</i> (1 hour) NPS Finder [Lockwood] The concept of standard addition for streamlining the validation of NPS targets or non-routine biological specimen-types will be explored. (20 minutes) Toxicology Data Mining 101 [Tidwell] (15 minutes) Toxicology Statistics and Trend Update [Harper] Drug trends and prevalence for DUI, traffic fatalities, overdoses, DFSA, and other case types will be showcased. (10 minutes) How to Perform a Proper Literature Review [Harper] The basics of performing a literature review by PubMed, Google Scholar, and ChatGPT will be covered. (15 minutes) Radox MultiSTAT Project Update [Lawen] The use of the Radox MultiSTAT to assist medical examiners in death investigation will be discussed.

INFORMATION TECHNOLOGY

WORKSHOP

SATELLITE

1:00 PM-5:00 PM	IT Discipline Meeting
	Bob Buel, Director of Information Technology
	<u>Training Topics</u>
	<p>(30 minutes) Overview of the PAMS Application [Zornnetr] Demonstration and discussion of the Personnel Administration and Management System (PAMS) application. Application architecture and functions as well as future modules will be discussed.</p> <p>(30 minutes) Webex Infrastructure; From Client and Administration to VoIP System [Eiland] Demonstration of Webex Client Functions [Buel], discussion of Webex server administration, [Eiland] and VoIP architecture [Eiland].</p> <p>(45 minutes) Storage Update and Upcoming Expansion of Storage Arrays [Nguyen] Discussion of current storage architecture and discussion of upcoming expansion of storage systems. Explanation of CEPH Cluster technology and ramifications to ADFS data storage.</p> <p>(30 minutes) Open Forum</p> <p>(15 minutes) Break and User Support activities</p> <p>(30 minutes) Topics in Desktop Support [Clanton, et al] Discussion of various desktop support worst-case support issues with solutions. Focus on using solid support approaches through collaboration, teamwork and testing and analysis driven and supported by scientific method.</p> <p>(45 minutes) iLIMS Update: Demo of Current Environment for DC Analysts, Current Issues [Nguyen & Ballenger & Buel] Project update and Demonstration of iLIMS application from DC use case. Discussion of ongoing issues with focus on common support scenarios for users with a desktop support perspective.</p>

BREAKOUT

SESSIONS



BREAKOUT SESSION A

ATLANTIS

8:00-8:55 am	Evidence-Based Practice and Forensic Anthropology: Why Expertise Matters in Recovering and Interpreting Bones from Medicolegal Contexts	Melinda Carter, PhD
9:00-9:25 am	Use of Radox MultiSTAT as an Investigative Tool in Post Mortem Toxicology Phase II: Blood and Oral Fluid	Clarissa Lawen
9:30-9:55 am	Evaluation of Securetec DrugWipe® S as an Approved Roadside Oral Fluid Device in Alabama	Kristin Tidwell & Jasmine Maxwell
10:00-10:25 am	Break	
10:30-10:55 am	Juvenile Deaths in Alabama (FY2023)	Rebekah Boswell
11:00-11:25 am	Arsenic: Still the King of Poisons?	Hannah Strickland
11:30-11:55 am	Toxicology Opioids Trend in Overdose Case Types for 2024	Keeyahna Foster

Moderators:

8:00-9:55 am - Keeyahna Foster

10:25 - 12:00 pm - Justin Sanders

BREAKOUT SESSION B

DISCOVERY

8:00-8:55 am	Interesting Biology Cases ADFS ONLY	ADFS Biology Staff
9:00-9:25 am	A Five Year Review - Retrospective Analysis of DUI Case Trends Involving Ethanol and Zolpidem	Kahleah Pell
9:30-9:55 am	Dynamics of Effective Leadership	Justin Sanders
10:00-10:25 am	Break	
10:30-10:55 am	The Effect of the Chemical and Physical Properties of Cotton on the Retention of Spermatozoa	Jason Linville, PhD
11:00-11:25 am	Adventures in "Color Writing"! - The Enantiomeric Determination of Methamphetamine and Amphetamine by LC-MS-MS	Robert Lockwood, PhD
11:30-11:55 am	Expansion of Instrumentation Scope through Research Collaboration	Karen Scott, PhD

Moderators:

8:00-9:55 am - Mary Burns

10:25 - 12:00 pm - Adam Grooms

BREAKOUT SESSION C

CHALLENGER

8:00-8:55 am	State v Flowers 2020 (FATM Admissibility)	Adam Grooms
9:00-9:25 am	GCMS Analysis of Street Drugs Utilizing Hydrogen Carrier Gas in Combination with a HydroInert EI Source	Kirk Lokits, PhD
9:30-9:55 am	Barrel In, Barrel Out	Michael Dugan
10:00-10:25 am	Break	
10:30-10:55 am	A New Hope: The Force is Within All Analyst	Zach Oglesby
11:00-11:25 am	MX-908: A Field Instrument in the Laboratory	Tara Federico
11:30-11:55 am	Low Energy Ionization of Nitazenes and Fentanyl Analogs using a GC/QTOF	Kirk Lokits, PhD

Moderators:

8:00-9:55 am - Michael Merritt

10:25 - 12:00 pm - Christina Eggleston

BREAKOUT SESSION D

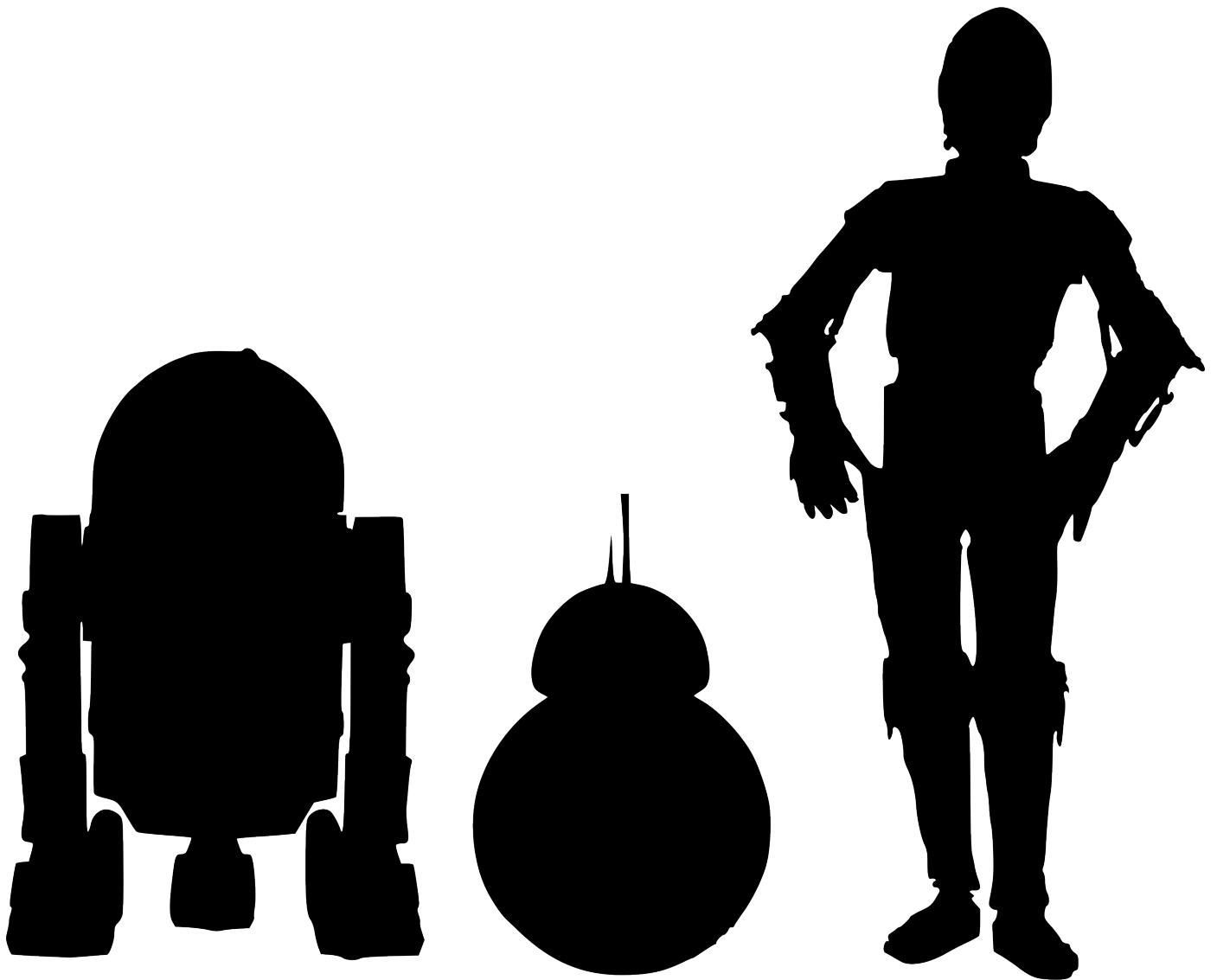
ENTERPRISE

8:00-8:55 am	The Role of Forensic Investigations in Juvenile Cases	Anna Stinson
9:00-9:25 am	Analysis of automotive paint layers using chemical imaging μ -FTIR and O-PTIR microspectroscopy	Kendall Wontor
9:30-9:55 am	Design Principles, Current Direction, and Future Topics of the National Center on Forensics	Cecil Robinson
10:00-10:25 am	Break	
10:30-10:55 am	A Survey and Review of Blood and Breath Alcohol Testing Practices	Morgan Appenrott
11:00-11:25 am	Downstream effects of the National Center on Forensics Course Offerings for Law Enforcement	Cecil Robinson
11:30-11:55 am	Evaluating the Impact of Expiration and Additives on Blood Ethanol Concentration Stability in Vacutainer® Gray Stopper Tubes	Jessica Jackson

Moderators:

8:00-9:55 am - Ashley Entelisano
10:25 - 12:00 pm - Laura Wendell

POSTER SESSION



POSTER SESSION

SALONS A-C

ADFS Scientist Poster Presentations

ADFS Scientist Poster Presentations		
Title	Presenter	Related Field
Fatal Injuries of the Spinal Cord in Car Vs. Train Accidents	Ashley Rand	Death
Fatal outcomes from infant parasitic nematode pneumonia and the travel of foreign parasitic organisms.	Xavier Taylor	Death
The Rise of Nitazenes in Toxicology Casework	Amanda Cetnarowski	Toxicology
A Comparison of Synthetic Cannabinoids From 2015-2023	Kylie Wilder	Toxicology

Judges:

Joy Johnston - Implied Consent
Robert Lockwood - Toxicology
Nick Carter - Death Investigation
Melissa Armstrong - Drug Chemistry
Nicholas Drake - Firearm/Toolmark
Jace Daniels - Forensic Biology
Tara Federico - Research and Development

POSTER SESSION

SALONS A-C

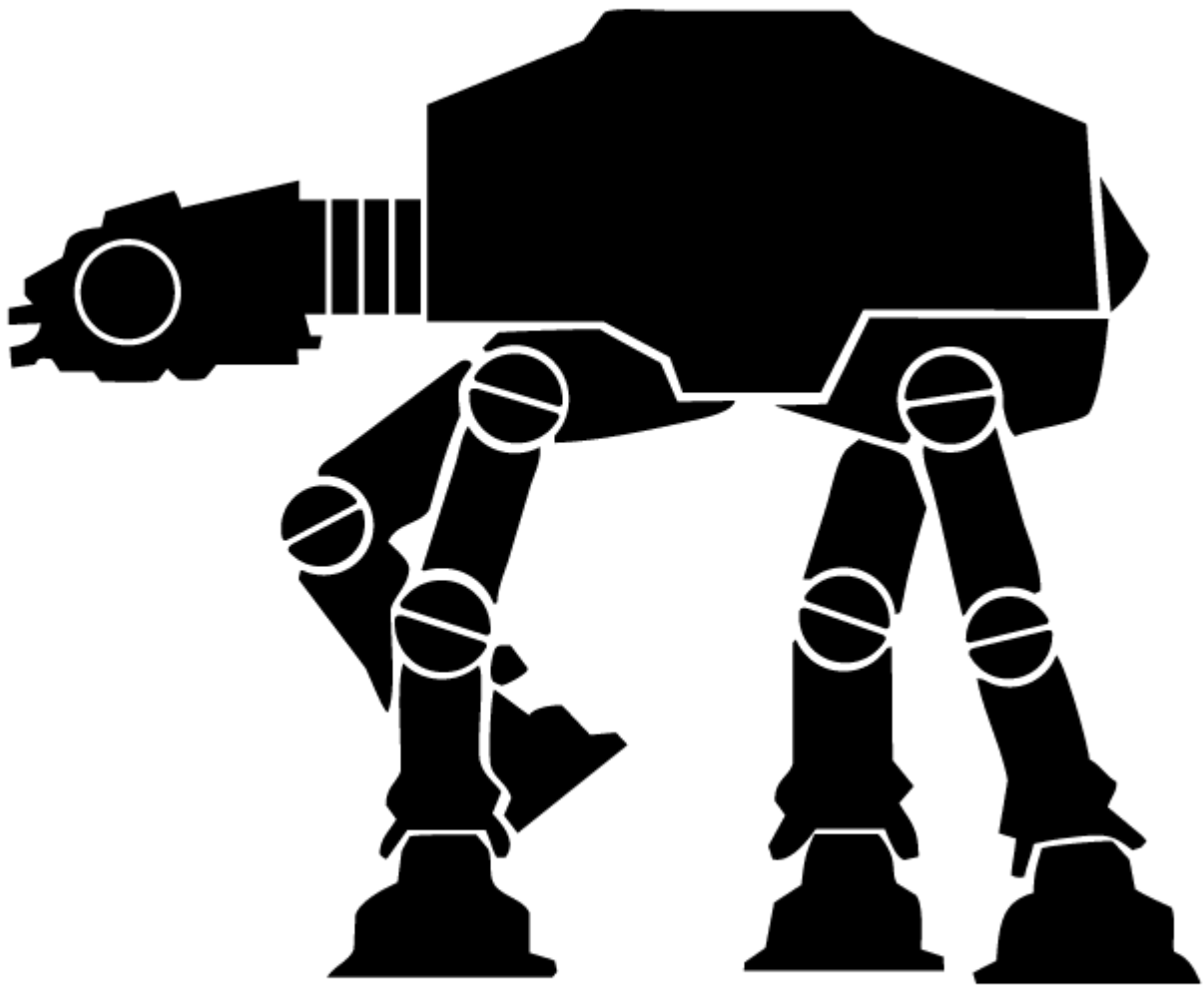
Student Poster Presentations

Student Poster Presentations		
Title	Presenter	Affiliation
Infrared microspectroscopy (μ -FTIR) of latent prints transferred to silicon wafers for chemical imaging analysis	Jenna Lewis	Ole Miss
A Comparison of Ketone Levels Using a Commercial Point-of-Care Ketone Meter to Screen for BHB Prior to GC/MS Analysis	Kerry Mur	UAB
Drug Prevalence in Drug Facilitated Sexual Assaults from 2022 – 2023	Mallory Armstrong	UAB
Recent Trends in Online Opioid Sales	Megan Joos	UAB
Evaluating Ethanol Concentration Stability in Dry Gas for Alcohol Breath Analysis Beyond Expiration	Megan O'Barr	JSU

Judges:

Joy Johnston - Implied Consent
Robert Lockwood - Toxicology
Nick Carter - Death Investigation
Melissa Armstrong - Drug Chemistry
Nicholas Drake - Firearm/Toolmark
Jace Daniels - Forensic Biology
Tara Federico - Research and Development

FUN RUN



FUN RUN PARTICIPANTS

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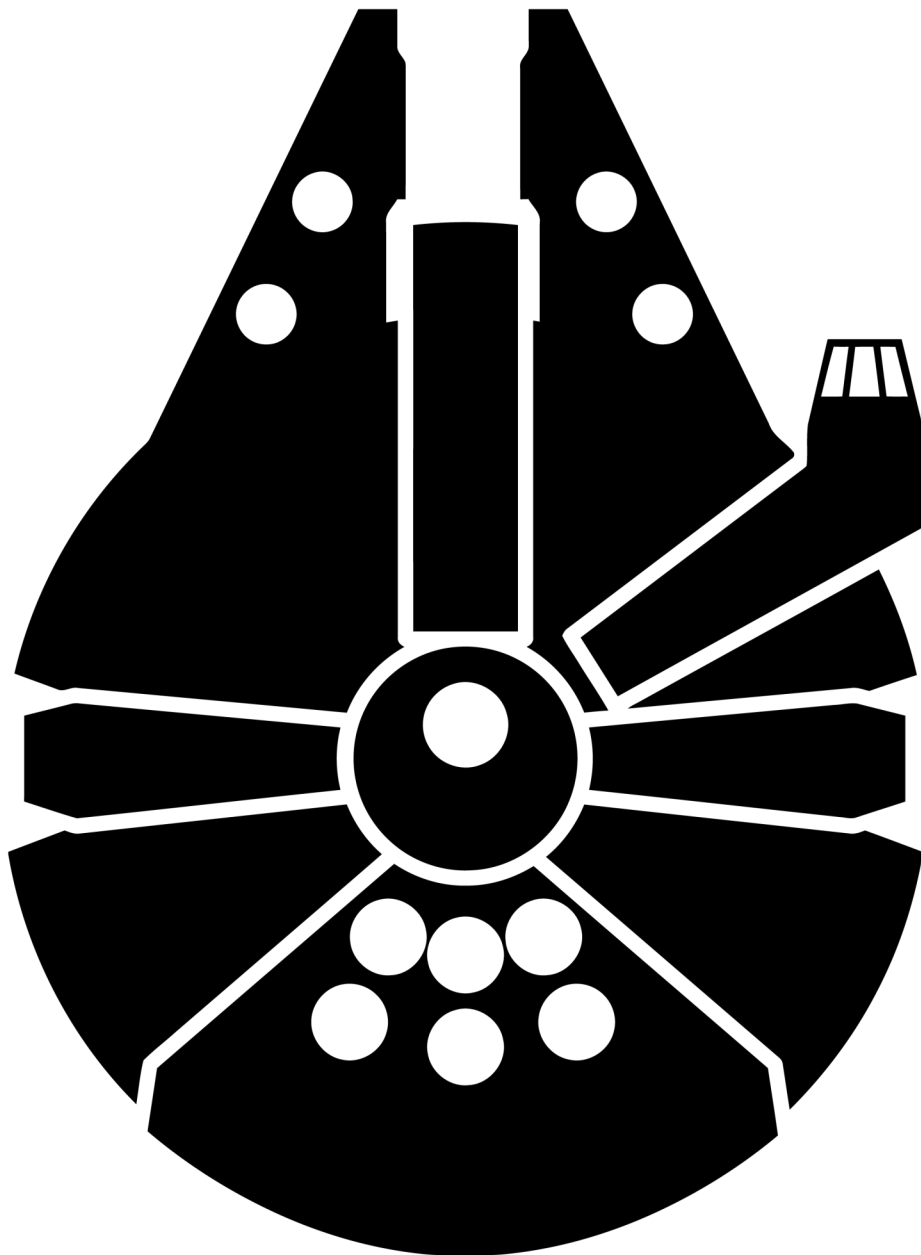


Sharon Roach
Sophia Del Vecchio
LaMiyah Campbell
Lana Murphy
Angelo Della Manna
Anh Nguyen
Carl Mauterer
Casey DuBose
Edward Reedy
Erin Shonsey
Joy Johnston
Justin Sanders
Marc Bass
Melissa Armstrong
Michael Dugan
Michelle Hawkins
Morgan Appenrott
Nicholas Drake
Rebekah Boswell
Robert Lockwood
Sami Anderson
Stacie Terry
Timothy McSpadden
Tracy D'Alessandro
Xavier Taylor
Zachary Oglesby

FUN RUN ROUTE



WELCOME RECEPTION AND EXCURSIONS



WELCOME RECEPTION

SPONSORED BY:



The 2024 ASAFS Welcome Reception and dinner will be held at the US Space and Rocket Center Saturn V Hall on Tuesday, May 28th from 5:30 - 10:00pm. ASAFS event registration will be at the hotel from 1-4 PM. The welcome reception will be from 5:30-6:30 with dinner to follow. Following dinner attendees are invited to stay and enjoy the music of Todd Simpson and the Mojo Child Band. Transportation will not be provided to the event, however it is within walking distance of the hotel. The address is One Tranquility Base Huntsville, AL 35805 .

History and Overview (Rocketcenter.com/aboutus#ourstory)

Our story began when Dr. Wernher von Braun and his rocket team first came to the United States in 1945 under military contract to create ballistic rockets. They were sent to Fort Bliss, Texas to work on rocket development, but after inspecting the Redstone facilities in Huntsville which had been used during World War II for the production of pyrotechnical devices, they deemed it a better location and proposed a guided missile center. On March 21, 1950, the von Braun rocket team moved to Huntsville and joined a group of U.S. rocketry specialists. Together, they would go on to create some of the world's first rockets and satellites to orbit the Earth, and ultimately, the Saturn V rocket that sent the American Apollo astronauts to the moon, achieving the ultimate goal of preeminence in space.

Dr. Wernher von Braun and his team of rocket scientists transformed Huntsville, Alabama, known in the 1950s as the "Watercress Capital of the World," into a technology center that today is home to the second largest research park in the United States and to the U.S. Space & Rocket Center (USSRC) with its world-class educational program, Space Camp®.

The transformation grew from the smoke and fire that birthed America's space program. It is here in Huntsville that:

- Rockets were developed that put the first U.S. satellite into orbit and sent men to the moon;
- Propulsion for the space shuttle was developed
- Modules for the International Space Station (ISS) were designed and built;
- America's next great ship – the Space Launch System – is being designed;
- Science on the ISS is monitored 24/7 at the Payload Operations Center at NASA Marshall Space Flight Center (MSFC).

During the final months that von Braun and his team of scientists were refining the giant Saturn V rocket that sent Apollo astronauts to the moon, he was also preparing to launch another important project: a permanent exhibit to showcase the hardware of the space program. Von Braun was director of MSFC when he approached the Alabama Legislature with the idea of creating a museum jointly with the U.S. Army Missile Command and NASA. The U.S. Army donated land, and the U.S. Space & Rocket Center® opened its doors in 1970. Since then, nearly 17 million people have toured the Center. Many of the more than 650,000 annual visitors are school students on field trips to their future. Dozens of interactive exhibits encourage guest participation, prompting one official to note: "Here, everyone can be an astronaut for the day!"

EXCURSIONS

Space and Rocket Museum

1 Tranquility Base, Huntsville, AL 35805

Spend the afternoon learning about space and space exploration! You can take your time exploring the museum and all of its exhibits.



Axe Throwing

Campus No. 805 2620 Clinton Ave W Suite B (2nd floor), Huntsville, AL 35805

Try your hand at Axe throwing! Coaches are available to help guide you if this is your first time! Additionally, feel free to explore the surrounding area of Campus No. 805!



Escape Room

604 Madison Street Southeast Huntsville, AL 35801

Can you escape in time? With six different rooms to choose from, you and your team will face the challenge of escaping before time runs out! Will you be able to work together to solve the puzzles and riddles?



EXCURSIONS

Top Golf

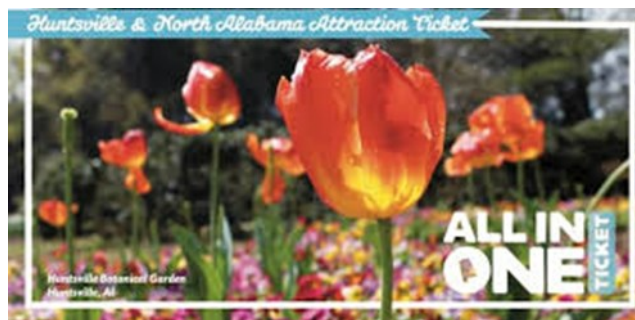
6100 Topgolf Drive NW, Huntsville, AL 35806

Test your swing and your aim playing Top Golf! For the golf lover and those with a competitive streak. Top Golf is a great way to spend an afternoon in the sun and to see who has the best drive!



All in One Pass

This pass is good for 2 days of use, and grants you access to a variety of activities in the Huntsville area! From museums to parks to tours there's something fun everyone can do!



ASAFS OFFICERS



President: Curt Harper



**Vice President:
Justin Sanders**



**Treasurer:
Timothy McSpadden**



**Secretary:
Kristin Umstead**



**Vice Secretary:
Erin Shonsey**

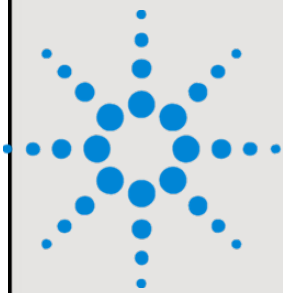


**Vice Treasurer:
Jasmine Maxwell**

ASAFS COMMITTEES

General Program Committee	Website and AV Committee
Curt Harper, Chair	Bob Buel, Chair
Jasmine Maxwell	Nathan Nguyen, Vice Chair
Erin Shonsey	
Marc Bass	Social Media Subcommittee
Christina Eggleston	Kourtney Steen, Chair
	Elise Gibson, Vice Chair
Membership Committee	Georgie McDaniel
Christina Eggleston, Chair	
Danielle Ackly, Vice Chair	University Liason Committee
Michael Merritt	Morgan Appenrott, Chair
	Clarissa Lawen, Vice Chair
Historical Committee	Amanda Cetnarowski, Past Chair
Rebekah Boswell, Chair	Ashley Entelisano
Melissa Armstrong, Vice Chair	Ellen Mwenesongole
Kristin Umstead, Ex officio member	
Geaneé Pippen	Volunteer Committee
Kelly Crawford	Kahleah Pell, Chair
Mary Burns, Past Chair	Michelle Hawkins, Vice Chair
	Damon Cooper, Hospitality Suite
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Greg Turner, Chair	Tara Federico
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