

THE NEXT GENERATION



Come to learn on how to use and troubleshoot our **Next Generation BSC with Touchscreen** At Esco Manufacturer's Update on April 20, 2024

Saturday at 9 AM Peppermill Resort Spa Casino

SEE YOU THERE!

New 7" Touchscreen Controller



Centurion™ Controller

- Oisplays all safety information on one large screen
- Zarge buttons with intuitive menu like smart phones
- Visual illustration to show cabinet operations
- 6-Digit PIN menu access. No secret key combination
- Diagnostic features to assist service
- Automatic downflow average and deviation calculation
- Built-in guide to assist servicing and certification

Isocide[™] Antimicrobial Powder Coating



Enhance your safety when opening up the plenum to change filter or blower





Esco Technologies, Inc. 903 Sheehy Drive, Suite F, Horsham, PA 19044, USA Phone: 215-441-9661 Ext.2 or 6 | Fax: 484-698-7757 | Web: escolifesciences.com Email: eti.service@escolifesciences.com

	Thursday – April 18, 2024	
Time	Program	Location
I:00 PM - 4:00 PM	CETA Board of Directors Meeting	Executive Boardroom 1735, 17th Floor
	Friday – April 19, 2024	
7:30 AM - 5:00 PM	Registration	Tuscany Ballroom Registration Desk
8:00 AM- 12:00 PM	CNBT Written Practical Exam	Tuscany Ballroom 6
2:00 PM - 1:00 PM	Lunch - Attendees on own	
	CETA SERIES	1
	BEGINNER: Garbing/GFT - Part 1	Tuscany Ballroom 1 & 2
	INTERMEDIATE: EM Sample Plan Creation	Tuscany Ballroom 3
I:00 PM - 1:50 PM	ADVANCED: Micro/Facility Excursion Investigations - Part 1	Tuscany Ballroom 4
	INTERMEDIATE: Primary v Secondary BSC Testing	Tuscany Ballroom 5
	BEGINNER: Garbing/GFT - Part 2	Tuscany Ballroom 1 & 2
1:55 PM - 2:45 PM	BEGINNER: Certification Testing Order	Tuscany Ballroom 3
	ADVANCED: Micro/Facility Excursion Investigations -Part 2	Tuscany Ballroom 4
	INTERMEDIATE: Primary v Secondary BSC Testing - (repeat session)	Tuscany Ballroom 5
2:45 PM - 3:15 PM	Break	
	BEGINNER: Measuring Airflow/K-Factor	Tuscany Ballroom 1 & 2
	INTERMEDIATE: Troubleshooting	Tuscany Ballroom 3
3:15 PM - 4:05 PM	ADVANCED: Micro/Facility Excursion Investigations -Part 1 (repeat session)	Tuscany Ballroom 4
	INTERMEDIATE: Injection Ports	Tuscany Ballroom 5
	INTERMEDIATE: CAG	Tuscany Ballroom 1 & 2
	BEGINNER: Certification Testing Order (repeat session)	Tuscany Ballroom 3
4:10 PM - 5:00 PM	ADVANCED: Micro/Facility Excursion Investigations -Part 2 (repeat session)	Tuscany Ballroom 4
	INTERMEDIATE: Fume Hood and CVE Testing	Tuscany Ballroom 5
	Saturday - April 20, 2024	
7:30 AM - 5:00 PM	Registration	Tuscany Ballroom Registration Desk
8:00 AM - 12:00 PM	CNBT Multiple Choice Exam	Tuscany Ballroom 6
8:00 AM - 9:00 AM	NuAire - Platinum Sponsor Update	Tuscany Ballroom C, D, 9, 10
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Saturday - April 20, 2024 (CONTINUED)							
Time	Program	Location					
9:00 AM - 10:00 AM	ESCO - Platinum Sponsor Update	Tuscany Ballroom C, D, 9, 10					
10:10 AM - 12:00 PM	Manufacturer Updates (SEE PAGE 6 FOR DETAILED AGENDA	\)					
11:30 AM - 1:00 PM	unch - Attendees on own						
1:00 PM - 6:00 PM	Exhibitor Set-up	Tuscany Ballroom E, F, 11, 12					
	CETA SERIES						
, ,	BEGINNER: Garbing/GFT - Part 1 (repeat session)	Tuscany Ballroom 1 & 2					
	BEGINNER: Troubleshooting (repeat session)	Tuscany Ballroom 3					
1:00 PM - 1:50 PM	ADVANCED: SOPs - Part 1	Tuscany Ballroom 4					
	INTERMEDIATE: Primary v Secondary BSC Testing (repeat session)	Tuscany Ballroom 5					
	BEGINNER: Garbing/GFT - Part 2 (repeat session)	Tuscany Ballroom 1 & 2					
	BEGINNER: Certification Testing Order (repeat session)	Tuscany Ballroom 3					
1:55 PM - 2:45 PM	ADVANCED: SOPs - Part 2	Tuscany Ballroom 4					
	INTERMEDIATE: Primary v Secondary BSC Testing - (repeat session)	Tuscany Ballroom 5					
2:45 PM - 3:15 PM	Break						
	INTERMEDIATE; Measuring Airflow/K Factor (repeat session)	Tuscany Ballroom 1 & 2					
3:15 PM - 4:05 PM	INTERMEDIATE: EM Sample Plan Creation (repeat session)	Tuscany Ballroom 3					
2	ADVANCE: SOPs - Part 1 (repeat session)	Tuscany Ballroom 4					
	INTERMEDIATE: Fume Hood and CVE Testing (repeat session)	Tuscany Ballroom 5					
	INTERMEDIATE: Injection Ports (repeat session)	Tuscany Ballroom 1 & 2					
4:10 PM - 5:00 PM	BEGINNER: Troubleshooting (repeat session)	Tuscany Ballroom 3					
	ADVANCE: SOPs - Part 2 (repeat session)	Tuscany Ballroom 4					
	INTERMEDIATE: CAG (repeat session)	Tuscany Ballroom 5					
5:30 PM - 6:30 PM	New Member Reception (Invitation Only)	Presidential Suite					
5:30 PM - 6:30 PM	NSF Steering Committee Meeting (Open to Everyone)	Tuscany Ballroom 5					
7:00 PM - 9:00 PM	Opening Reception with Exhibitors	Tuscany Ballroom E, F, 11, 12					



Sunday – April 21, 2024				
Time	Program	Location		
7:00 AM - 12:00 PM	Registration	Tuscany Ballroom Registration Desk		
7:00 AM - 8:00 AM	Breakfast with Exhibitors	Tuscany Ballroom E, F, 11, 12		
7:00 AM - 12:00PM	Exhibits Open	Tuscany Ballroom E, F, 11, 12		
8:00 AM - 12:15 PM	CETA Annual Meeting General Session I	Tuscany Ballroom C, D, 9, 10		
8:00 AM - 8:10 AM	Meeting Welcome (Lew Exner)	Tuscany Ballroom C, D, 9, 10		
8:10 AM - 8:25 AM	President's Address (Leslie Mackay)	Tuscany Ballroom C, D, 9, 10		
8:25 AM - 9:25 AM	Keynote: Annex 1 (Gordon Farquharson)	Tuscany Ballroom C, D, 9, 10		
9:25 AM - 10:25 AM	Controlling Risk: Hazard Identification and Mitigation (Rolinda Bailey)	Tuscany Ballroom C, D, 9, 10		
10:25 AM - 10:55 AM	Break	Tuscany Ballroom E, F, 11, 12		
10:55 AM - 11:55 AM	IQ/OQ/PQ (Mike Turnure)	Tuscany Ballroom C, D, 9, 10		
11:55 AM - 12:10 AM	CNBT Updates (Chris Rowe)	Tuscany Ballroom C, D, 9, 10		
12:10 PM - 1:00 PM	Grab-n-Go Lunch	Tuscany Ballroom Foyer		
1:00 PM - 7:00 PM	"Brewery Tour/Wild Burro & Horse Center Tour"	Peppermill Hotel Lobby		
1:00 PM - 7:00 PM	Wally Whitt Memorial Golf Tournament	Peppermill Hotel Lobby		
	Monday - April 22, 2024			
7:00 AM - 3:00 PM	Registration	Tuscany Ballroom Registration Desk		
7:00 AM - 8:00 AM	Breakfast with Exhibitors	Tuscany Ballroom E, F, 11, 12		
8:00 AM - 3:25 PM	CETA Annual Meeting General Session II	Tuscany Ballroom C, D, 9, 10		
8:00 AM - 8:05 AM	Meeting Updates (Lew Exner)	Tuscany Ballroom C, D, 9, 10		
8:05 AM - 9:05 AM	ISO TR 14644-21:2023 (Gordon Farquharson)	Tuscany Ballroom C, D, 9, 10		
9:05 AM - 9:20 AM	CETA's Perspective of TAG Committee (Todd Urton)	Tuscany Ballroom C, D, 9, 10		
9:20 AM - 9:50 AM	CETA Research Grant Development (David Phillips)	Tuscany Ballroom C, D, 9, 10		
9:50 AM - 10:15 AM	CAG Updates (David Phillips)	Tuscany Ballroom C, D, 9, 10		
10:15 AM - 10:45 AM	Break	Tuscany Ballroom E, F, 11, 12		
10:45 AM - 11:05 AM	CETA Annual Business Meeting General Business/Financials/Election (Erin Thane, Leslie Mackay)	Tuscany Ballroom C, D, 9, 10		



Monday – April 22, 2024				
Time	Program	Location		
11:05 AM - 12:05 PM	How HEPA Filters Are Made (Shawn Windley)	Tuscany Ballroom C, D, 9, 10		
12:05 PM - 1:00 PM	Lunch	Tuscany Ballroom B, 8		
1:00 PM - 1:55 PM	Complying with FDA Law & Regulation & Limiting FDA & Client Liability in Environmental Monitoring (Neil DiSpirito)	Tuscany Ballroom C, D, 9, 10		
1:55 PM - 2:55 PM	Environmental Monitoring Sampling Competency (Josh Erickson)	Tuscany Ballroom C, D, 9, 10		
2:55 PM - 3:25 PM	Environmental Monitoring Sampling Challenges & How to Overcome Them (Natalie Miranda-Bachman)	Tuscany Ballroom C, D, 9, 10		
3:30 PM - 5:30 PM	CAG-002 - Compounding Isolator Testing Guide	Tuscany Ballroom 2		
3:30 PM - 5:30 PM	CAG-005 – Servicing Hazardous Drug Compounding Primary Engineering Controls	Tuscany Ballroom 3		
3:30 PM - 5:30 PM	CAG-012 – Understanding Certification of Compounding Environments	Tuscany Ballroom 4		
3:30 PM - 5:30 PM	CAG-015 – Testing and Utilization of Cleanroom Pass-Throughs	Tuscany Ballroom 5		
6:30 PM - 11:00 PM	CETA Annual Banquet - CETA Cornhole Tournament	Tuscany Ballroom A, B, 7, 8		

MANUFACTURER UPDATES Saturday, April 22, 10:10 AM - 12:00 PM

	Time	TUSCANY BALLROOM	TUSCANY 3	TUSCANY 4	TUSCANY 5
	8:00am-9:00am (Platinum Sponsor Update)	NuAire			
	9:00am-10:00am (Platinum Sponsor Update)	ESCO			
	10:15am – 10:45am		ClorDiSys Solutions	Thermo Fisher Scientific	Labconco
P	10:50am – 11:20am		Lighthouse Worldwide Solutions	TEC Services	Vosentech
	11:25am – 11:55am			TEC Services	Labconco



OFFICERS

President Leslie MacKay (2025) Imackay@eagleson.org

President-Elect Lew Exner (2024) lewexner@cenvironment.com

Secretary/Treasurer Erin Thane (2025) Erin.Thane@Azzur.com

Immediate Past President Charlie Pellegrini (2025) cpellegrini@pen-tec.com

DIRECTORS

Shane Morris (2026) Champion Air Testing

Abby Roth (2025) Pure Microbiology

David Wasescha (2026) Labconco

Jeremy Mahurin (2024) ASAP Controlled Air Testing

David R. Phillips (2024) CON-TEST

Todd Urton (2026) Technical Safety Services, LLC

Shawn Windley (2026) MANN+HUMMEL

CNBT Administrator: Chris Rowe

EXECUTIVE OFFICE

Controlled Environment Testing Association (CETA)

Executive Director: Ali Bullis, MBA Senior Meeting Planner: Alycia Grenesko

230 Washington Ave Ext Suite 101, Albany, NY 12203

Phone: (518) 463-8644

Web: www.cetainternational.org Email: info@cetainternational.org

Meeting Notes:

What can I attend? What am I registered for?

General Meeting means you are registered for the General meeting and can attend the Opening Reception on Saturday, all sessions and meals beginning Sunday morning and the Annual Banquet on Monday.

CETA Series Fri means you have registered to attend the Friday CETA Series from 1:00 PM – 5:00 PM.

CETA Series Sat means you have registered to attend the Saturday CETA Series from 1:00 PM – 5:00 PM.



CETA Series Full means you have registered to attend both the Friday and Saturday CETA Series from 1:00 PM – 5:00 PM.

Annual Banquet means that you are either an exhibitor or guest that purchased a ticket to the Monday banquet.

Opening Reception means that you are a guest that purchased a ticket to the Saturday reception.

Exhibitors/Sponsors without "General Meeting" or "Annual Banquet" can attend all meals including the Saturday Opening Reception, but not the Monday banquet or any sessions.

Attendees should not record the sessions or take flash photography

Download the conference app today!





App Store



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Once the GoEngage App downloads, click on the "Search" box and enter in "CETA Annual Conference". When this appears below the search box, click on it.









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BOOTH NUMBER

27	25
20	22

ENTRANCE

EXHIBITOR

6

5

4

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AAF International	1
ADS Laminaire/ Flow Air Filters	3
Air Techniques International (ATI)	
Bioscience International	
Camfil Clean Air Solutions	12
CertAir	25
CETA Lounge	45
ClorDiSys Solutions	13
Degree Controls	40
DRS Laboratories	44
Eagleson Institute	43
ENVIRCO	
Esco Technologies	14
Eurofins Built Environment	
Evergreen Telemetry	4
Germfree Laboratories	16
Holland Safety Equipment	
Johnson Controls	
Labconco Corporation	41

EXHIBITOR	BOOTH NUMBER
Lighthouse Worldwide Solutions.	
MANN+HUMMEL	6
MilliporeSigma	
Modular Devices Cleanrooms	2
NuAire	
Omniware	
Pace® Analytical Services	
Particle Measuring Systems	5
Performance Assurance Systems	
Simplex Cleanrooms	
by Subzero Engineering	
Stratix Labs	
TEC Services	
The Baker Company	
Thermo Fisher Scientific	
TSI Incorporated	
U.S. Micro-Solutions	
Vosentech	





AMERICAN AIR FILTER INTERNATIONAL Booth 1

From our world headquarters in Louisville, Kentucky, American Air Filter International and AAF Flanders maintain manufacturing operations in 22 countries across four continents with 6,000 employees worldwide. AAF International is a subsidiary of Daikin Industries, Ltd., based in Osaka, Japan, a diversified international manufacturing company and a global leader in air conditioning. AAF is recognized as a global leader in air filtration and has consistently delivered many industry firsts. Our vision is to bring clean air to life by supplying our customers with best-in-class products and technologies that protect and improve people's health. Our residential, commercial and industrial customers benefit from decades of know-how that allows us to protect people, products and equipment in critical processes while still delivering solutions that minimize impact and protect our environment.



ADS LAMINAIRE/FLOW AIR FILTERS Booth 3

ADS LAMINAIRE has been designing, manufacturing, and marketing laminar flow equipment since 1968. She has acquired a certain authority in this field thanks to her experience but also thanks to the quality and seriousness of her achievements and the services she offers to her customers. ADS equipment meets the requirements of new techniques. The ADS manufacturing range extends from dust-free storage boxes to standard or specific laboratory hoods. In addition, ADS LAMINAIRE offers a range of clothing for dust-controlled rooms: Gowns, coveralls, shoe covers, headgear, gloves, masks, class 100 cloths, cleanliness screen, and a range of absolute filters and pre-filters.



AIR TECHNIQUES INTERNATIONAL

Booth 20

Since 1961, Air Techniques International (ATI) has been the premier provider of aerosol photometers and generators. Our state-of-the-art technology has solidified our position as the preferred choice in various industries, including pharmaceuticals, nuclear, and defense. As pioneers in aerosol photometry, we continually lead the industry with innovative solutions tailored to cleanroom and filter testing applications. ATI is dedicated to delivering top-quality products and services to our worldwide customers. For further details, visit www. ATItest.com.



The newest generation of SAS microbial air monitors, for ensuring full compliance with USP 797 guidelines, cGMP and international monitoring requirements will be displayed. Our Pinocchio compressed gas testing system is an all-in-one unit - all you need is the gas and a petri plate to perform sampling.



CAMFIL CLEAN AIR SOLUTIONS Booth 12

World leader in air filtration technology, Camfil offers state-of-the-art filtration solutions for cleanrooms and high containment spaces. Camfil manufactures HEPA and ULPA filters with flows as high as 600 fpm; and adsorbers for removing gaseous contaminants. Camfil's highly-engineered filter housings have reset the industry standard for biocontainment systems. Visit www.camfil.us



CERTAIR Booth 25

At CertAir, we're deeply committed to pioneering automation solutions for cleanroom certification, specifically tailored for the life sciences and microfabrication industries. Our advanced robotics and intuitive software solutions have been validated to meet stringent 14644-3, IEST, NSF, 21 CFR Pt 11, and GMP Annex 11 standards and deliver unparalleled accuracy, precision, and efficiency. We are passionate about our customers' success. Our robots and software were designed as tools for our customers to improve the quality of their services and safeguard the health of trained technicians, while also helping to grow their bottom line. Headquartered in Lutherville, MD, and supported by engineering and manufacturing in Langen, Germany, we're actively forging new partnerships with leading test equipment manufacturers and expanding our distribution network to bring our solutions closer to you.



CETA LOUNGE Booth 45

Step into the CETA Lounge in the exhibitor hall, where you can engage with our esteemed leaders, gain insights into the future of CETA, and seize the opportunity to join our expanding committees. Immerse yourself in our vision and discover how you can play a pivotal role in shaping the future of this dynamic industry.





CLORDISYS SOLUTIONS Booth 13

Clordisys provides chlorine dioxide gas decontamination equipment for use on BSCs, HEPA housings, Incubators, Isolators, Rooms, and other enclosures. Chlorine dioxide gas is a safer alternative to formaldehyde and our CHEM-CD process is a simple, easily portable, NSF approved replacement for the decontamination of BSCs.



DEGREE CONTROLS Booth 40

Degree Controls is a leader in the design & manufacture of airflow monitors, sensors, and control solutions for critical environments. From flow visualization, to airflow alarming, and embedded solutions within the cabinetry itself, Degree Controls serves an important role in improving laboratory safety and efficiency around the world.



DEGREE CONTROLS, INC.

DRS LABORATORIES

Booth 44

DRS Laboratories Inc. is a supplier of Chlorine Dioxide Decontamination Equipment. Having explored alternative technologies to improve quality, timeliness, and cost of performing BSC decontaminations, DRS Labs has produced the first affordable and portable device; including tools, procedures, and training. We also offer decontamination services in conjunction w/current certification contractors or independently.



EAGLESON INSTITUTE

Booth 43

The Eagleson Institute is a non-profit foundation with a mission to globally promote the principles and practices of health and safety in the life sciences community. Both our live and virtual training programs are interactive, hands-on, and designed for the adult learner. Topics include BSC certification, BSL3 laboratory performance verification and certification of sterile compounding facilities. To learn more about the Eagleson Institute, please visit our booth.



ENVIRCO Booth 39

As Innovators in Clean Air Technology, Envirco manufactures a complete line of clean air systems for many industries requiring ultra-clean environments for critical technologies including Microelectronics, Semiconductor, Pharmaceutical, etc. Known for product innovation and high quality, Envirco designed and manufactured the first low profile fan filter unit (FFU). Headquartered in Sanford, NC, Envirco manufactures products in a dedicated 263,000 square foot facility.



ESCO TECHNOLOGIES Booth 14

Esco is the world leader in NSF certified advanced biosafety cabinets, featuring energy efficient DC-ECM blower, ULPA filter with 10x better filtration than HEPA at same life, large performance envelope, anti-microbial coating to protect certifiers, durable steel plenum, comfortable low noise, riboflavin-verified cleanability, comfortable arm rest, lasting durability, and user-friendly 7in touch screen control system with built-in video guide. We are based in Horsham, PA, at 215-441-9661 Ext.2



EUROFINS BUILT ENVIRONMENT Booth 17

USP 800 and USP 797 Laboratory Services

🛟 eurofins |

Built Environment Testing

EVERGREEN TELEMETRY

Booth 4 Tool Manufacturer



GERMFREE LABORATORIES

Booth 16

With more than six decades of experience, Germfree Laboratories delivers a comprehensive range of solutions tailored to meet the unique needs of the biopharmaceutical, biocontainment, and healthcare industries.





HOLLAND SAFETY EQUIPMENT Booth 22

Holland Safety Equipment is the North American distributor for Temperature Electronics Ltd.'s fume hood and bio-safety cabinet airflow monitors on an OEM, reseller and end user basis. HSE also offers room pressure monitoring and data logging devices and smoke sources for airflow visualization. CETA members qualify for discount pricing.



JOHNSON CONTROLS Booth 10

Johnson Controls

LABCONCO CORPORATION Booth 41

Labconco Corporation designs and builds high-quality laboratory equipment. Every biosafety cabinet, fume hood, glassware washer, lyophilizer, sample prep tool, water purifier, glove box, enclosure, cart, and cabinet we make has been engineered for excellence since 1925.



LIGHTHOUSE WORLDWIDE SOLUTIONS **Booth 33**

Lighthouse Worldwide Solution offers the most complete line of contamination monitoring solutions available; Airborne' Particle' Counters, Microbial Samplers and Liquid Particle Counters.



MANN+HUMMEL

Booth 6

MANN+HUMMEL is a leading global company in filtration technology. Under its two business units Transportation and Life Sciences & Environment, the Ludwigsburgbased Group (Germany) develops intelligent filtration and separation solutions that enable cleaner mobility, cleaner air, cleaner water, and cleaner industry. Thus, the company makes an important contribution to a clean earth and the sustainable use of limited resources. In 2024, over 28,000 employees at more than 80 locations generated a turnover of EUR 6.8 billion.



MILLIPORE SIGMA Booth 36

Life Science Products & Service Solutions



MODULAR DEVICES CLEANROOMS Booth 2

Modular Devices offers short and long-term interim rentals of temporary Modular and Mobile Cath Lab Vascular Labs, and CT Labs to hospitals and healthcare facilities throughout the USA and North America. Every lab in our fleet shares a commitment to our high-quality standards with only the newest and most advanced imaging technology available. We are equally qualityfocused throughout our entire operation - including our manufacturing, delivery and setup, and our 24/7 Service Support teams.



NUAIRE **Booth 35**

NuAire manufactures scientific laboratory equipment and compounding pharmacy airflow products providing personnel, product, and environmental protection in critical research environments throughout the world. NuAire's inspiration has provided life science, drug discovery, pharmacy, and biomedical/microbiology laboratory professionals with laboratory equipment including biosafety cabinets, co2 incubators, ultralow freezers, animal research equipment, restricted access barrier systems, and more.



OMNIWARE IT Booth 30

Custom Software / App Developer

PACE® ANALYTICAL SERVICES Booth 30



PARTICLE MEASURING SYSTEMS

Booth 5

Particle Measurement Systems provides monitoring solutions for your application such as liquid, gas and airborne PMS Particle Counters.



PERFORMANCE ASSURANCE SYSTEMS Booth 28

We provide industry-leading technology and decades of experience in cleanroom design, construction, and business operations that empower superior performance and efficiency in any cleanroom facility.

SIMPLEX CLEANROOMS BY SUBZERO ENGINEERING Booth 37 & 38

Manufacture of Modular Cleanrooms



STRATIX LABS

Booth 27

Stratix Labs manufactures and sells innovative microbial products used in quality control applications, including Enverify for demonstrating surface sampling competency and achieving compliance with new USP 797 revisions.



TEC SERVICES

Booth 18

TEC Services was founded in 1994 and has since built a strong reputation in the controlled environment products, calibration, and service industry. TEC specializes in the production of aerosol photometers, aerosol generators, calibrations, as well as repair and service all within the field of HEPA filter testing and certification.



THE BAKER COMPANY

Booth 19

For almost 70 years, The Baker Company has been at the forefront of engineering, testing and production of reliable laboratory contamination control equipment. Baker maintains an unparalleled passion for helping customers advance science and discovery while making no compromises on protecting the success and safety of your research.



THERMO FISHER SCIENTIFIC Booth 11

Thermo Fisher Scientific is the world leader in serving science. For more than five decades, we have been a pioneer and innovator of clean air technologies. Our Thermo Scientific[™] biosafety cabinets are designed to maximize sample protection and user safety, with an emphasis on containment, comfort and convenience, all day, every day.

Thermo Fisher

TSI INCORPORATED

Booth 29

TSI Incorporated is a leading supplier of instrumentation and software for certifiers. TSI's AeroTrak Particle Counters, VelociCalc Thermal Anemometers, DP-Calc, Micromanometers, AirPro Air Velocity Instruments, and EBT731 Capture Hoods can be used as Direct Inflow Measurement (DIM) devices for biological safety cabinets. TSI also supplies hospital isolation room monitors and laboratory controls. www.tsi.com.



U.S. MICRO-SOLUTIONS Booth 34

We are an ISO17025 accredited, CGMP compliant Environmental Microbiology Laboratory specializing in the analysis of bacteria and fungi from pharmaceutical sterile compounding settings (USP797). We provide culture analysis, equipment rental, USP media, surface sample competency testing, and technical guidance. We are committed to providing exceptional quality, outstanding customer service, and competitive prices.





2024 ANNUAL MEETING

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1st Floor

Parking Plaza



PEPPERMILL 1st FLOOR MAP



PEPPERMILL MEETING LEVEL





SPEAKER BIOS



ROLINDA BAILEY BS, MLS

Rolinda Bailey, Safety Officer for the Tennessee Department of Health, Division of Laboratory Services is passionate about serving others through biosafety training, consultation, and guidance. Rolinda began her career as a clinical laboratory scientist in the early 1980's working in hospital and reference laboratory settings. Her interest in human immunity led to two decades of work in histocompatibility and organ transplantation. Since 2011 Rolinda has served in public health working in mycobacteriology, parasitology, and mycology until 2013 when she left clinical testing and moved solely into education and training. She graduated from Western Kentucky University with a degree in Biology, is certified as a Medical Laboratory Scientist by the American Society of Clinical Pathologists, and a Histocompatibility Specialist by the American Board of Histocompatibility and Immunogenetics.



NEIL DISPIRITO JD/MBA

Neil P. DiSpirito is an FDA practice attorney at DiSpirito Law PLLC. Neil has more than two decades' experience helping pharmaceutical, medical device, and life sciences clients comply with U.S. and international drug, biologic, and medical product regulation. His practice focuses on providing regulatory and enforcement counsel to companies of all sizes on products regulated by FDA. He has litigated against FDA and negotiated with its Office of General Counsel. He also handles licensing, patent and labeling issues, managed care issues, FDA enforcement defense and state enforcement matters, civil seizure claims, consent decrees, Medicare and Medicaid issues, and federal supply issues. Before becoming an attorney, Mr. DiSpirito worked as an executive for major pharmaceutical manufacturers in marketing, manufacturing, sterile products, advertising, FDA regulatory and compliance, new drug approval, and worldwide business development. He also teaches pharmaceutical, biologic and medical device law at the Food and Drug Law Institute and to the FDA's newly hired attorneys and reviewers at the Agency.



JOSH ERICKSON M.S.

Josh Erickson is a founder of Stratix Labs Corporation and currently serves as its President and Chief Technology Officer. Josh is a business leader with over 10 years of microbiology experience in industries such as medical device, cGMP pharmaceuticals, and laboratory products. He is an inventor and product developer for products ranging from biological indicators and microbial reference materials to microbial therapeutics. His prior experience includes roles at high-caliber companies such as 3M Company, Rebiotix (now part of Ferring), and Medivators (now part of Steris). Over his career, Josh has created significant value by inventing and developing high-impact products with special attention to the intersection of business, science, and customer needs. Josh is an inventor on over 20 patents and patent applications and holds a Master of Science degree in Microbial Engineering from the University of Minnesota.



GORDON FARQUHARSON

Gordon is a Chartered Engineer based in the UK. He has more than 40 years' experience of processes and facilities used by the Health Care & Life Science Industry; including design, construction, audit and validation work. He provides consulting expertise across a broad range of disciplines, encompassing concept design, detailed design, project execution, audit, inspection and validation. His involvement in the industry includes active participation in education, training and standardization work. He is a founder member of the UK Parenteral Society (now PHSS) and is active in the ISPE, PDA, and most recently the CCN. His experience has been disseminated through papers, international lectures at international meetings, and in books in the field of contamination control. Over the last 35 years he has been active in the development of British, ISO and CEN standards. In recent years he has focused on emerging technologies

including isolators and containment technology.

SPEAKER BIOS



NATALIE MIRANDA

With over 5 years of dedicated industry experience and a Bachelor's degree in Biological Sciences, Natalie brings ample knowledge in environmental monitoring. Having a background in microbiology, she has acquired valuable insight into controlled environments and the essential role microbiology plays within them. Before joining STERIS Life Sciences, Natalie worked as a Quality Control Microbiologist in the pharmaceutical industry and as a Microbiologist serving various industries, including pharmaceuticals, over-the-counter (OTC) products, consumer healthcare, cosmetics, personal care, and medical devices. In her current capacity at STERIS Life Sciences, Natalie oversees the environmental monitoring program across the company's controlled environment services territories. She collaborates closely with clients, offering guidance and tailored solutions for environmental monitoring needs. Additionally, Natalie plays a key role in providing technical support to both field and laboratory personnel, ensuring attention to detail and adherence to regulatory standards and best practices. Natalie, a member of the Parenteral Drug Association (PDA), engages with advancements in microbiology and environmental monitoring. Dedicated to promoting excellence in microbiological practices, she embraces her passion to uphold the industry's highest standards of quality and safety.



MIKE TURNURE

Mike Turnure is a cleanroom professional with over 25 years of experience related to the design, construction, certification and qualification of cleanrooms and related infrastructure and process equipment. Currently in a marketing and product development role at TSI Incorporated, Mike previously worked for cleanroom manufacturer Gerbig Engineering and testing agency Pace Analytical. Today's presentation is an overview of various levels of cleanroom testing ranging from particle counts only, to full formal qualification using formal protocols.



Shawn Windley has served the air filtration industry for over 30 years. During his tenure, he has served in various capacities of increased responsibility such as Project Engineer, Lead Engineer, Engineering Manager, Production Manager, Director of Engineering, Director of R&D, Director of High Purity Products, Global VP of R&D, Senior Vice President of Sales, Vice President of Product Engineering, COO, and lastly President. In preparation for a career in engineering and eventually management, he araduated from East Carolina University in 2003 with a B.S. in Industrial Engineering where he also played football. As an internationally recognized Cleanroom expert, he holds a certificate in ISO 14644, USP 797 Cleanroom Operations, and lastly USP 797 Cleanroom Design all through the IEST. He served as the IEST President 2015/2016 and has been a member of the CETA Board of Directors since 2016, He served as President in 2020 and 2021 and in April 2023, he was re-elected to serve another (4) year board term through 2027.



302 Unity Plaza, Latrobe, PA 15650 | 724-853-4047 info@usmslab.com | www.usmslab.com



CETA SERIES SPEAKERS

Micro/Facility Excursion investigations	Elaine Strauss, PharmD, MS, BCSCP Natalie Miranda
SOPs	Todd Urton
Garbing/GFT	Michael T. Meyers Jared Eberly
Troubleshooting	Nathan Dinges
Certification Testing Order	Max Bishop
EM Sample Plan Creation	Abby Roth, CMQ/OE
Measuring Airflow/K Factor	
Primary v Secondary BSC testing	Kara Held, PhD Bryan Lavallee
Injection Ports	Shane Morris
Fume Hood and CVE Testing	Chip Albright Nick Bernier
CAG	Dan Velasquez

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