



**CETA**<sup>TM</sup>  
Controlled Environment Testing Association

*Orlando*  
30<sup>TH</sup>  
**ANNUAL**  
**CETA**  
**CONFERENCE**  
APRIL 21<sup>ST</sup> - 24<sup>TH</sup>, 2023



# The Safer Choice

for Technicians & Certifiers

## New Resources Available!

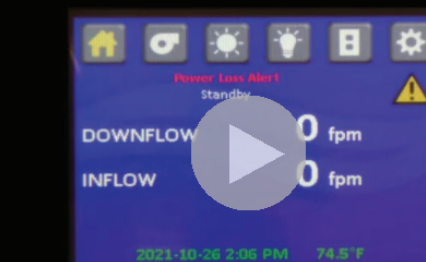
Video Tutorials for NuAire Laboratory Equipment

- Biosafety Cabinets, CO<sub>2</sub> Incubators, & ULT Freezers
- Guide to Control Panel Navigation & Operations
- CO<sub>2</sub> Incubator Calibration Walkthroughs
- Unpacking & Assembly Video Guides



Email NuAire Technical  
Service for Access:  
[service@nuaire.com](mailto:service@nuaire.com)

### NU-545 TOUCHLINK QUICKSTART GUIDE



1 MIN

NU-545 Power Up and Run Mode

## Available Video Tutorials

By Product Line



**LABGARD**  
Biological Safety Cabinets



**BLIZZARD**  
Ultralow Temperature Freezers



**IN-VITROCELL**  
Direct-Heat CO<sub>2</sub> Incubators

NuAire, Inc. | 2100 Fernbrook Lane | Plymouth, MN 55447 | U.S.A. | [www.nuaire.com](http://www.nuaire.com)

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# MEETING AGENDA

Thursday – April 20, 2023		
Time	Program	Location
3:00 PM - 5:00 PM	CETA Board Meeting	Suwannee 17
Friday – April 21, 2023		
7:00 AM - 6:00 PM	Registration	Suwannee Registration Desk
8:00 AM - 12:00 PM	CNBT Written Practical Exam	Suwannee 11
12:00 PM - 1:00 PM	Lunch - Attendees on Own	
1:00 PM - 5:00 PM	CETA Series: Development of a Certification Criteria Plan for Pharmaceutical Cleanrooms (Lew Exner, Chair)	Suwannee 13-15
Saturday – April 22, 2023		
7:00 AM - 7:00 PM	Registration	Suwannee Registration Desk
8:00 AM - 12:00 PM	CNBT Multiple Choice Exam	Suwannee 11
8:00 AM - 9:00 AM	Platinum Sponsor Update (ESCO)	Suwannee 16-17
9:00 AM - 10:00 AM	Platinum Sponsor Update (NuAlre)	Suwannee 16-17
10:15 AM - 11:55 AM	Manufacturer Updates	Suwannee 16-17 Suwannee 15
12:00 PM - 1:00 PM	Lunch - Attendees on Own	
1:00 PM - 6:00 PM	Exhibitor Set-up	Panzacola F1-2, G1
1:00 PM - 1:10 PM	Welcome and Group Introduction	Suwannee 16-17
1:15 PM - 2:05 PM 2:10 PM - 3:00 PM 3:15 PM - 4:05 PM 4:10 PM - 5:00 PM	CETA Series: Calibration Vs. Verification	Suwannee 16-17
	Facing the Inspectors and Surveyors: Stories from Facilities Manager	Suwannee 15
	Customer Satisfaction: What Your Sterile Compounding Customers Really Want	Suwannee 13
	An Inspector's View of Certification Reports	Suwannee 14
	CETA Series Advanced Class: Designing a Certification Quality Management System (Abby Roth, Chair)	Suwannee 12
5:30 PM - 6:30 PM	NSF Steering Committee Meeting	Suwannee 12
7:00 PM - 9:00 PM	Opening Reception with Exhibitors	Panzacola F1-2, G1

# MEETING AGENDA

## Sunday – April 23, 2023

Time	Program	Location
7:00 AM - 1:00 PM	Registration	Panzacola Registration
7:00 AM - 8:00 AM	Breakfast	Panzacola F1-2, G1
7:00 AM - 12:00 PM	Exhibits Open	Panzacola F1-2, G1
8:00 AM - 12:05 PM	CETA Annual Meeting General Session I	Panzacola F3-4, G2
8:00 AM - 8:05 AM	Meeting Welcome (Leslie MacKay)	Panzacola F3-4, G2
8:05 AM - 8:20 AM	President's Address (Charlie Pellegrini)	Panzacola F3-4, G2
8:20 AM - 8:50 AM	Special Presentation (David Brande, Jim Wagner)	Panzacola F3-4, G2
8:50 AM - 9:50 AM	Critical Healthcare Space Testing: New Analytical Tools that Merge Prescriptive and Performance Measures to Help Optimize the Environment (Damon Greely, Jennifer Wagner)	Panzacola F3-4, G2
9:50 AM -10:20 AM	Break	Panzacola F1-2, G1
10:20 AM-11:20 AM	How to Test and Evaluate Fume Hood Performance and Ventilation Effectiveness (Tom Smith)	Panzacola F3-4, G2
11:20 AM- 12:05 PM	What is Puffback and How Do We Test It? (Hayden Chesser, Tony Oliveira)	Panzacola F3-4, G2
12:05 PM -1:05 PM	Grab-n-Go Lunch	Panzacola Foyer
1:00 PM - 4:00 PM	Air Boat Ride/Tour	Boggy Creek Airboat Tour
1:00 PM - 7:00 PM	Wally Whitt Memorial Golf Tournament	Shingle Creek Golf Club

## Monday – April 24, 2023

Time	Program	Location
7:00 AM - 2:00 PM	Registration	Panzacola Registration
7:00 AM - 8:00 AM	Breakfast	Panzacola F1-2, G1
7:00 AM - 3:30 PM	Exhibits Open	Panzacola F1-2, G1
8:00 AM - 3:30 PM	CETA Annual Meeting General Session II	Panzacola F3-4, G2
8:00 AM - 8:05 AM	Meeting Updates (Leslie MacKay)	Panzacola F3-4, G2



# MEETING AGENDA

Monday – April 24, 2023		
Time	Program	Location
8:05 AM - 9:15 AM	Technology Developed for the International Space Station Applied to Healthcare Facilities (Richard Tullie, Michael Santiago)	Panzacola F3-4, G2
9:15 AM - 10:15 AM	Commissioning and Verifying HVAC Stem Performance for Reducing Occupational Exposures to Airborne Pathogens via an Aerosol-Based Methodology (Phil Arnold, Mark St. Marie)	Panzacola F3-4, G2
10:15 AM - 10:45 AM	Break	Panzacola F1-2, G1
10:45 AM - 11:45 AM	Certifying Equipment in High Containment Facilities - Safety Measures to Consider, Decontamination Strategies and Lesons Learned (John Henneman)	Panzacola F3-4, G2
11:45 AM - 12:15 PM	Evaluation of USP <797> Incubation and Media for Recovery of Fungi in Bioaerosol Samples (Kelly Faulisi)	Panzacola F3-4, G2
12:15 PM - 1:15 PM	Lunch	Pazacola H1-2
1:15 PM - 2:05 PM	USP 797 (Jim Wagner, Abby Roth)	
2:05 PM - 2:50 PM	Decontamination of Hazardous Drugs (K. Mark Wiencek, PhD)	Panzacola F3-4, G2
2:50 PM - 3:05 PM	CAG Updates and Awards (Tony Caughron, David Phillips)	Panzacola F3-4, G2
3:05 PM - 3:30 PM	General Business/Financials/Election (Erin Thane, Charlie Pellegrini)	Panzacola F3-4, G2
3:30 PM - 6:00 PM	Exhibit Breakdown	Panzacola F1-2, G1
3:30 PM - 6:00 PM	CAG Action Committee Meeting CAG Consistency Meeting	Suwannee 14 Suwannee 15
7:00 PM - 10:00 PM	CETA Annual Banquet	Gaitlin Terrace
Tuesday – April 25, 2023		
Time	Program	Location
8:00 AM - 9:30 AM	CETA Follow-up Board Meeting	Suwannee 14



WI-FI INFO  
CONNECT TO: CONVENTION WIRELESS  
ACCESS CODE: CETA2023

## OFFICERS

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## 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!



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.

## MANUFACTURER UPDATES

SATURDAY, APRIL 22, 10:15 AM - 11:55 AM

Time	SUWANEE 16-17	SUWANEE 15
8:00am-9:00am (Platinum)	ESCO	
9:00am-10:00am (Platinum)	NuAire	
10:15am – 10:45am	Thermo Fisher	Labconco
10:50am – 11:20am	Baker	Labconco
11:25am – 11:55am	Baker	AirCare Automation

# VISIT OUR EXHIBITORS AT THE ANNUAL MEETING!



## ENTRANCE

315	314	215	214	115	116
313	312	213	212	113	114
311	310	211	210	111	112
309	308	209	208	109	110
307	306	207	206	107	108
305	304	205	204	105	106
303	302	203	202	103	104
					102

Exhibitor	Booth Number	Exhibitor	Booth Number
Aerobiology Laboratory/Pace .....	Booth 303	Flow Air Filters/ADS Laminare.....	Booth 205
Air Techniques International (ATI) .....	Booth 105	FOCUS LABORATORIES.....	Booth 110
AirCare Automation.....	Booth 308	Germfree Laboratories .....	Booth 215
American Air Filter International .....	Booth 204	Holland Safety Equipment.....	Booth 206
Azzur Labs .....	Booth 211	Labconco Corporation .....	Booth 202
Baker .....	Booth 203	Lighthouse Worldwide Solutions .....	Booth 111
Bioscience International, Inc.....	Booth 103	MANN+HUMMEL .....	Booth 305
CAMFIL USA, Inc.....	Booth 214	NSF .....	Booth 309
Chattanooga Environmental Lab.....	Booth 207	NuAire Inc. ....	Booth 315
ClorDiSys Solutions Inc .....	Booth 307	Omniware IT .....	Booth 208
Contec, Inc.....	Booth 313	PathCon Laboratories .....	Booth 109
Degree Controls, Inc.....	Booth 106	Performance Assurance Systems .....	Booth 210
DRS Laboratories, Inc.....	Booth 108	Quantus, Inc. ....	Booth 116
Eagleson Institute .....	Booth 213	Simplex Isolation Systems.....	Booth 102+104
EMSL Analytical, Inc. ....	Booth 112	Sonicu .....	Booth 304
ENVIRCO.....	Booth 310	SteraMist by TOMI .....	Booth 209
ESCO Technologies, Inc. ....	Booth 302	Stratix Labs .....	Booth 312
Eurofins Built Environment		TEC Services, Inc.....	Booth 311
Testing Analytics.....	Booth 212	Thermo Fisher Scientific .....	Booth 114
Evergreen Telemetry.....	Booth 113+115	TSI Inc. ....	Booth 306
Filtration Group - Indoor Air Quality.....	Booth 107	U.S. Micro-Solutions, Inc. ....	Booth 314

# THANK YOU TO OUR SPONSORS!

## PLATINUM



## GOLD



## SILVER



## GOLF



# VISIT OUR EXHIBITORS!

## AEROBIOLOGY LABORATORY/PACE

Aerobiology Laboratory, now in its 26th year is a business unit under Pace Analytical Services. Aerobiology has a national presence with accreditations and certifications by organizations as AIHA and state ELAP agencies for environmental microbiology. Locations include the Washington DC area, Cherry Hill, New Jersey, Boston, Atlanta, Fort Lauderdale, Chicago, Denver, Phoenix, Huntington Beach, CA, Dallas and Seattle. All locations of Aerobiology are skilled in enumeration and identification of bacteria and fungi in air samples, surface samples, glove fingertip samples and can assist in developing a microbial monitoring program for compliance with USP 797. Come by our booth and meet our professionals and Suzanne Blevins, B.S. SM (ASCP), Aerobiology's Founder and Laboratory Director with 47 years of experience in areas of clinical, environmental, and healthcare microbiology.

**Booth 303**



## AIR TECHNIQUES INTERNATIONAL (ATI)

ATI is the leading provider of aerosol photometers and generators since 1961. Our cutting-edge technology has made us the preferred choice for a diverse range of industries, including pharmaceuticals, nuclear, and defense. With a global presence, our photometers and generators have been instrumental in ensuring the safety and efficacy of products and processes worldwide. As pioneers in aerosol photometry, we have consistently remained at the forefront of our field, leveraging our expertise to deliver innovative solutions for cleanroom and filter testing applications. ATI is committed to providing our customers with the highest quality products and services, backed by our deep knowledge and experience. For more information, visit the CETA website.

**Booth 105**



## AIRCARE AUTOMATION

FFU Controls and Environmental Monitoring Manufacturer

**Booth 308**



## AMERICAN AIR FILTER INTERNATIONAL

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.

**Booth 204**



## AZZUR LABS

Azzur Labs, an Azzur Group company, is a contract laboratory serving the pharmaceutical, medical device, and biotechnology industries. With locations across the nation, we provide customers with analytical testing, microbiology, and other services to ensure regulatory compliance From Discovery To Delivery™

**Booth 211**



## BAKER

The Baker Company is the world's leading manufacturer of laboratory equipment with locations in Maine, United States, The United Kingdom, and The Netherlands.

**Booth 203**



## BIOSCIENCE INTERNATIONAL, INC.

The newest generation of SAS microbial air monitors, for ensuring full compliance with USP 797 guidelines, cGMP and international monitoring requirements will be displayed.

**Booth 103**



## CAMFIL USA, INC.

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](http://www.camfil.us).

**Booth 214**



## CHATTANOOGA ENVIRONMENTAL LAB

Chattanooga Environmental Laboratory, LLC - a PULA accredited Microbiology Laboratory for the analysis of USP 797 air and surface sampling and gloved fingertip/mediafill analysis.

**Booth 207**



## CLORDISYS SOLUTIONS INC

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.

**Booth 307**



## CONTEC, INC.

Clean Counts Most: Contecs Healthcare solutions are designed with end users in mind and promote more efficient, repeatable processes and deliver improved cleaning results for better patient outcomes. From our latest EPA-registered presaturated sterile and nonsterile disinfectant wipes, Contec Healthcare TB1-3300a, Disinfectant Wipes, to the Contec Healthcare Essential HD Spill Toolkit for managing hazardous drug spills, our critical environment disinfecting, and cleaning products ensure that your team will have access to every tool necessary to maintain a microbial state of control.

**Booth 313**





# VISIT OUR EXHIBITORS!

## DEGREE CONTROLS, INC.

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.



**Booth 106**

## DRS LABORATORIES, INC.

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.



**Booth 108**

## EAGLESON INSTITUTE

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. Our highly interactive classes cover a wide range of biosafety topics including BSC certification, BSL3 laboratory performance verification and certification of sterile compounding facilities.



**Booth 213**

## EMSL ANALYTICAL, INC.

Laboratory



**Booth 112**

## ENVIRCO

Innovators in clean air technology for clean, safe air for critical environments.



**Booth 310**

## ESCO TECHNOLOGIES, INC.

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, and user-friendly control system.



**Booth 302**

## EUROFINS BUILT ENVIRONMENT TESTING ANALYTICS

USP 800 and USP 797 Laboratory Services



**Booth 212**

## EVERGREEN TELEMTRY

Tool Manufacturer



**Booth 113 + 115**

## FILTRATION GROUP - INDOOR AIR QUALITY

Filtration Group is a dedicated partner to leading Biosafety Cabinet manufacturers providing excellence in product quality, innovative solutions, and customer service. Utilizing proprietary technology, Filtration Group custom engineers filter designs to meet the industry's most challenging applications and most stringent performance requirements. Committed to making the world Safer, Healthier and More Productive, FG-IAQ is the premier filtration choice for the Biosafety Cabinet market.

**Booth 107**



## FLOW AIR FILTERS/ADS LAMINAIRE

Fit Results

**Booth 205**



## FOCUS LABORATORIES

Manufacturers deserve a QC Lab that invests in validated and qualified state of the art technology that will provide timely and cost efficient data. This is our FOCUS.

**Booth 110**



## GERMFREE LABORATORIES

Expert Environments

**Booth 215**



## HOLLAND SAFETY EQUIPMENT

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.

**Booth 206**



## LABCONCO CORPORATION

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.

**Booth 202**



## LIGHTHOUSE WORLDWIDE SOLUTIONS

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

**Booth 111**



## MANN+HUMMEL

With centuries of combined experience, our team of industry leaders serves North America with manufacturing plants and operations across the nation. Our target markets include commercial and industrial accounts, specifically wholesale and residential channels. Our customer-first and family-oriented principles make us professional yet personal in our business strategy. With a strong desire to leave a legacy for our communities, MANN+HUMMEL strives to improve the air filtration industry and create products that lead to better health and wellness for our customers.

**Booth 305**





# VISIT OUR EXHIBITORS!

## NSF

NSF International (NSF) offers programs designed to verify the proficiency of individuals performing field certifications of biosafety cabinets. This personnel accreditation program includes written and practical examinations, as well as continuing education requirements.

**Booth 309**



## NUAIRE INC.

NuAire Lab Equipment is the Safer Choice for Principal Investigators, Lab Managers, Pharmacy Directors, and Technicians in the biomedical/microbiological laboratory and compounding pharmacy.

**Booth 315**



## OMNIWARE IT

Custom Software / App Developer

**Booth 208**



## PATHCON LABORATORIES

PathCon Laboratories offers laboratory analysis of fungi and bacteria (Legionella, Pseudomonas, environmental bacteria, and non-tuberculous mycobacteria) in air, water and surface samples from hospital, office, and industrial settings. Our microbiologists routinely support customers with planning USP 797 sampling strategies and shipment of sample collection materials. PathCon personnel can also assist with Legionella risk assessments and developing water management plans. PathCon Laboratories is a leader in providing and managing proactive Legionella prevention plans.

**Booth 109**

PathConLaboratories

## PERFORMANCE ASSURANCE SYSTEMS

**Booth 210**



## QUANTUS, INC.

Analytical Microbiology Lab Services

**Booth 116**



## SIMPLEX ISOLATION SYSTEMS

Manufacture of Modular Cleanrooms

**Booth 102 + 104**



## SONICU

Temperature and Environmental Monitoring

**Booth 304**



## STERAMIST BY TOMI

Large facility cleanrooms to biosafety cabinets, SteraMist decontamination produces powerful six-log efficacy with fully customizable automation. SteraMist ionized Hydrogen Peroxide (iHP) technology delivers the fastest decontamination on the market while not damaging sensitive equipment. SteraMist offers a wide product range, custom solutions, validation, and scheduled service. Learn more at [steramist.com](http://steramist.com).

**Booth 209**



## STRATIX LABS

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.

**Booth 312**



## TEC SERVICES, INC.

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.

**Booth 311**



## THERMO FISHER SCIENTIFIC

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.

**Booth 114**

ThermoFisher  
SCIENTIFIC

## TSI INC.

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](http://www.tsi.com)

**Booth 306**



## U.S. MICRO-SOLUTIONS, INC.

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, sampling competency testing, and technical guidance. We are committed to providing exceptional quality, outstanding customer service, and competitive prices.

**Booth 314**

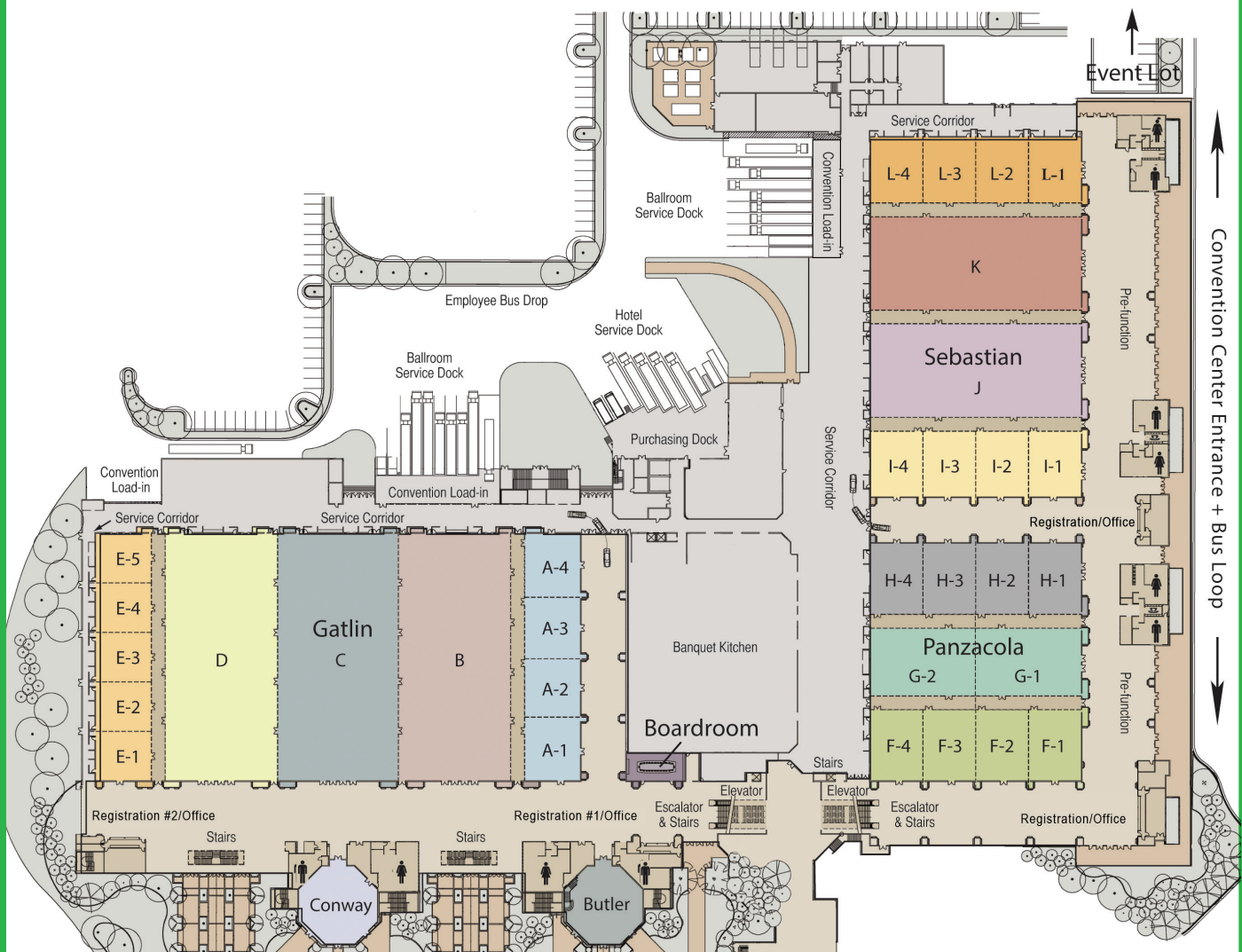


# ROSEN SHINGLE CREEK



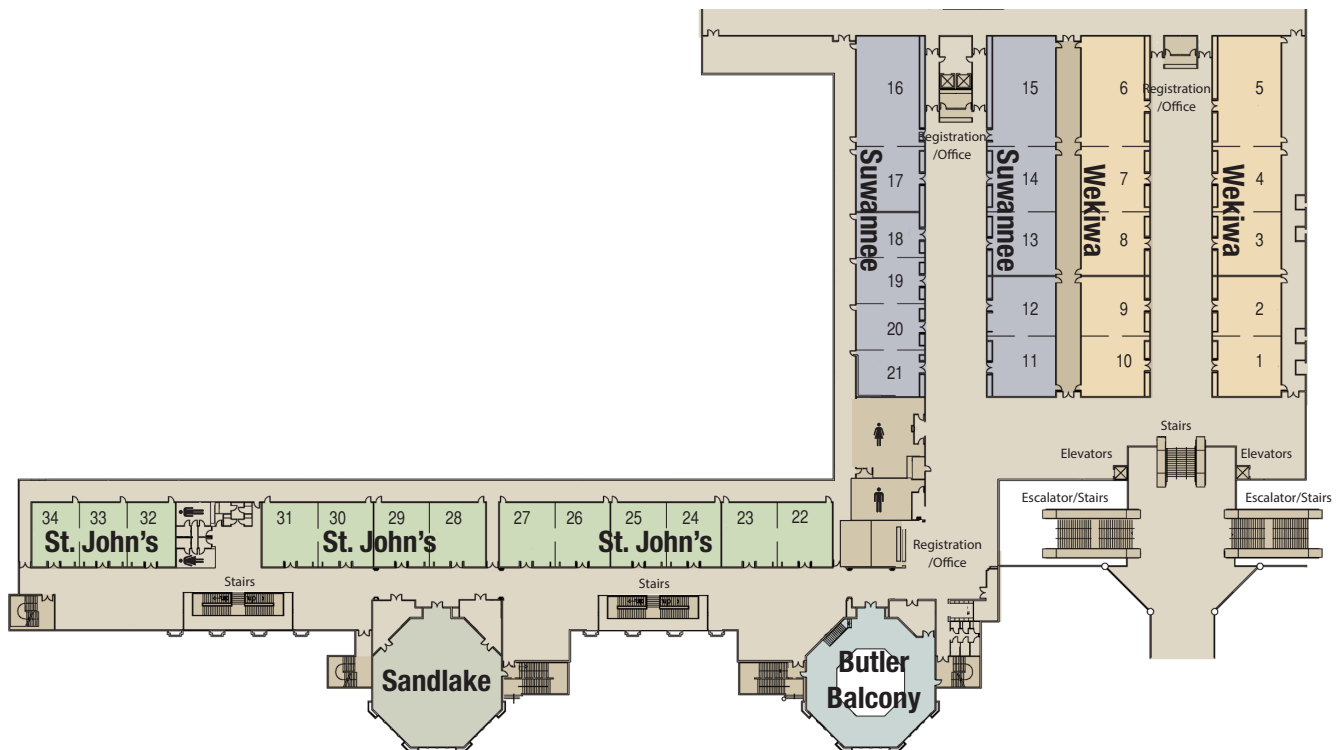


# LEVEL 1 BALLROOM





## LEVEL 2 MEETING ROOM





## SPEAKER BIOS



### PHIL ARNOLD

Phil is responsible for engineering, manufacturing, and supply chain operations. He has deep experience in multidisciplinary, distributed technology development and management. Phil previously held executive positions at Endless and Finesse Solutions and launched several award-winning technology products. Phil holds a M.B.A. from Golden Gate University, San Francisco, and a B.S. in Materials Engineering from Rensselaer Polytechnic Institute, Troy, NY.



### JOSH BUFFAT

Josh Buffat is the VP Of Facilities & Operations for Designer Drugs Pharmacy with over 20 years of experience in Certification Industry. Josh joined the Designer Drugs team in February 2019. Josh enjoys spending his free time in the outdoors with his wife Meghan and his 3 children Charlie, Harper, and Corbin.



### HAYDEN CHESSE

While still in university, Hayden began his professional career working with the Public Health Agency of Canada as a Junior Biocontainment Engineer where he had the opportunity to design and construct a fully functioning, scaled down, 3D printed model of a Class II B2 Biological Safety Cabinet.

Following his graduation from Carleton University with a degree in Mechanical Engineering, he eagerly returned to his previous team working toward the ongoing regulation of containment facilities as a Biocontainment Engineer Inspector. Since formally joining the inspection team in early 2021, Hayden has had the opportunity to work closely with containment facilities of all shapes and sizes providing them with support on their path to achieving and maintain compliance with the Canadian Biosafety Standards.



### KELLY FAULISI

Kelly is the Quality Manager for U.S. Micro-Solutions, Inc. located in Latrobe, PA. She is recognized as a Certified Quality Improvement Associate (CQIA) through the American Society for Quality. Over the course of her employment, Kelly has gained valuable industry experience by working in almost every area of the USMS laboratory, including data entry, data review, sample processing, and sample analysis. As the Quality Manager, Kelly has facilitated numerous successful ISO 17025 and GLP regulatory audits by accrediting agencies and 503A/B pharmacies.



### DAMON GREELEY

For 30 years, Damon has experience in research, and implementation of healthcare infrastructure systems and holds the following certifications: CEM (Certified Energy Manager), HFDP (Healthcare Facility Design Professional), CBCP (Certified Building Commissioning Professional), EDAC (Evidence Based Design), CHFM (Certified Healthcare Facility Manager), and associate in Infection Prevention and Control (a-IPC).



### KEVIN HEATHCOCK

Kevin has over twenty years of experience in the life science industry managing certification and maintenance requirements associated with universities, pharmaceuticals, and research facilities critical environments. Kevin works with everything from animal to aseptic, office to BSL3. Kevin enjoys problem solving and the customer interaction. His second job is that of a husband, a father of three. In his spare time, he is an avid disc golfer.



### JOHN HENNEMAN

John has worked in scientific research and then managed the day-to-day facility operations of high containment research laboratories since 1983. He currently serves as Senior MEP Manager, Gilbane Building Company, providing his expertise in building new laboratories. In the past, John has served as Director, Biocontainment Operations, Kansas State University, manager of The Pennsylvania State University's (PSU) Pell Laboratory for Advanced Biological Research, Battelle Biomedical Research Center. His expertise includes the design, construction, commissioning, engineering, biorisk management and operation of biocontainment facilities.



### RYAN KULP

Ryan Kulp is a Co-Founder and Vice President at Quantus, Inc with over 20 years of experience in the Life Sciences Industry. He is an expert in building diverse technical service platforms focused on customer needs to sustain operational readiness and compliance to EMA, FDA, ISO, and USP Regulations and Standards.



### NICOLAS LAUDINET

Nicolas has a Master's degree in Engineering with 20 years' experience in air treatment systems applied to cleanrooms and hospital environments. Training speaker with the French Association for Contamination Study and Prevention (ASPEC).

## SPEAKER BIOS



### SHANE MORRIS

Shane Morris is the owner of Champion Air Testing and has been in the cleanroom testing and certification industry for 12 years. Over that time, he has carried CETA CNBT and CT accreditations and has had the pleasure of working on several CETA CAG writing committees.



### TONY OLIVEIRA

Tony Oliveira has experienced the gauntlet of lab containment and technologies, starting on the HVAC and controls side, then progressing to the maintenance of laboratory work areas with a focus on CL3 facilities. Utilizing the experience gained,

Tony was placed in charge of certification for government CL3 and CL2 containment labs. Now, Tony uses his cumulative knowledge as a Biocontainment Engineering Technologist to support the Canadian biocontainment regulations while offering a fresh perspective regarding daily impact these requirements have on licensed stakeholders.



### DANIEL QUINLAN

As the President of Quantus, Inc., Daniel is responsible for developing business operating strategies aimed at promoting long-term company growth, in a manner that ensures our administrative operations can efficiently scale with our technical service divisions. He directly oversees the Accounting, Human Resources, Quality Assurance, and Information Technologies divisions of our Company.



### GREG ROCKERS

Greg Rockers, RPh, is Vice President of Strategy and Integration at Belmar Pharma and has over 30 years of experience in 503A/503B sterile compounding. Greg has helped design multiple Pharmacies and Outsourcing Facilities. As a former consultant, he assisted organizations in navigating multiple FDA and State Board of Pharmacy inspections.



### ABBY ROTH

Abby Roth, founder of Pure Microbiology, has over 18 years of experience in supporting the testing and consulting needs of the pharmaceutical, medical device, and compounding industries. Abby served as a USP Compounding EC member during the 2015-2020 cycle and has been invited to speak for state boards of pharmacy and for national organizations.



### MIKE SANTIAGO

Mike has a BS Economics, MBA with over 25 years of Healthcare Industry experience. The last 10 years with hospital solutions focused on Sterile Compounding controlled environments and automation robotics.



### THOMAS SMITH

Tom Smith is the President of 3Flow. Tom holds degrees in Mechanical Engineering and Industrial Hygiene from NCSU and UNC. He serves on the Board of I2SL, is a member of the NCSU Mechanical and Aerospace Engineering Hall of Fame and helped author numerous standards for ventilation safety and health.



### RENE SOETENS

Rene Soetens has been active in this industry since 1993. He became involved with CETA in 1994 and joined the board of CETA in its formative years. Rene was a board member from 1998-2007, which during that time he served as a Treasurer. He became the CETA President from 2000-2001.



### MARK ST. MARIE

Mark is the Business Development Director for Eurofins Analytics Built Environment Testing USA. Mark has 30 years of Federal Government Industrial Hygiene experience. Mark holds an American Board of Industrial Hygiene, Certified Industrial Hygienist (CIH) certification, and is a CETA CNBT Registered Certified Professional for Sterile Compounding Facilities.



### KRYSTAL STEFANYK

Krystal Stefanyk received her Bachelor of Science degree in Criminal Justice from the University of South Carolina Upstate. Mrs. Stefanyk has worked for the North Carolina Board of Pharmacy for the past 17 years. She began her career with the Board of Pharmacy as a field-based inspector in 2006. In 2014, Mrs. Stefanyk became the Associate Director of Investigations and Inspections. In 2017, Mrs. Stefanyk assumed the newly created role of Director of Inspections. In her role as Director of Inspections, Mrs. Stefanyk oversees the Sterile Compounding inspection program. She has received her Certification in Sterile Compounding for Inspectors (CSCI) from Critical Point/NABP. Mrs. Stefanyk was the recipient of the National Association of Boards of Pharmacy's John F. Atkinson Service Award in 2019 for her profound commitment to public health and safety through her work with sterile compounding inspections.



## SPEAKER BIOS



### **RICH TULLIE**

Rich has a BSME with 13 years of semiconductor manufacturing cleanroom experience specializing cryogenic ultrahigh vacuum. Expat; 2 years each in Japan and Scotland. He has 20 years of focus on healthcare and pharmacy automation for hospitals, of which the last 12 years focused on sterile IV compounding automation and cleanrooms.



### **TODD URTON**

Todd is the Senior Training and Technical Manager for Technical Safety Services. With 25+ years of experience, he is a past CETA President, is a voting member on various IEST RPs, sits on the US Technical Advisory Group to ISO TC209, and is an NSF Proctor for the Enhanced Accreditation Program.



### **JENNIFER WAGNER**

Jennifer has dedicated her efforts and expertise to infection prevention program design through evidence-based science, research, education and consulting. She has over twenty years of experience in environmental and clinical microbiology. As managing partner of OnSite-LLC, she is dedicated to improved clinical outcomes through data driven solutions and has worked in numerous hospitals both nationwide and internationally. Collaborative efforts to develop the use of Environmental Quality Indicators (EQI) for healthcare spaces have been validated in 110+ procedures and are published in several peer reviewed journals. With OnSite's multidisciplinary team of clinicians, microbiologist, epidemiologists, healthcare engineers, architects and designers, she has worked to optimize the asepsis of critical spaces in hospitals and has developed the tools, with over one hundred thousand data points, to accurately predict the risk of microbial contamination in critical spaces within the built environment. Her future endeavors continue to explore innovative solutions for successful and prudent improvement of infection prevention.



### **JIM WAGNER**

Jim Wagner, the president of Controlled Environment Consulting (CEC), has been involved in the Controlled Environment performance evaluation industry since 1979. His consulting includes design and evaluation of sterile compounding facilities, containment facilities and other engineering controls. Jim conducts international training on cleanroom and containment device design and certification. Prior to founding CEC, Jim was the President of Micro-Clean, a certification and validation company. Jim was an active participant in the Controlled Environment Testing Association's (CETA) efforts to develop guidance documents for compliance with USP Chapter 797. Jim was a member of the USP Compounding Expert Committee (2005-2010, 2015-2020). Jim is a steering committee member for NSF/ANSI standard 49 Biosafety Cabinetry: Design, Construction, Performance, and Field Certification. Jim was a two-time president of the Controlled Environment Testing Association including being CETA's first president in 1991-92. Jim was awarded CETA's Mel First award for outstanding contributions to the advancement of certification and testing of controlled environments.

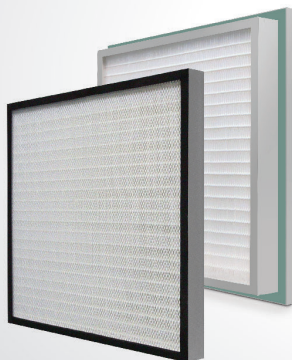


### **MARK WIENCEK**

Mark Wiencek, PhD is the Principal Microbiologist with Contec Healthcare. With 25+ years of industrial experience in microbiology and microbial ecology, Mark focuses on development of cleaning tools and chemistries for control of microbial and hazardous drug contamination in cleanrooms, pharmacies, and healthcare facilities.

# Cleanroom Air Filtration

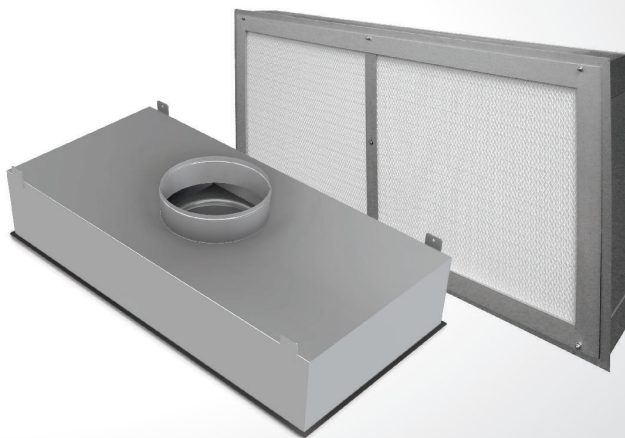
## Separating the useful from the harmful



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Gasket & Gel



Microclass TM

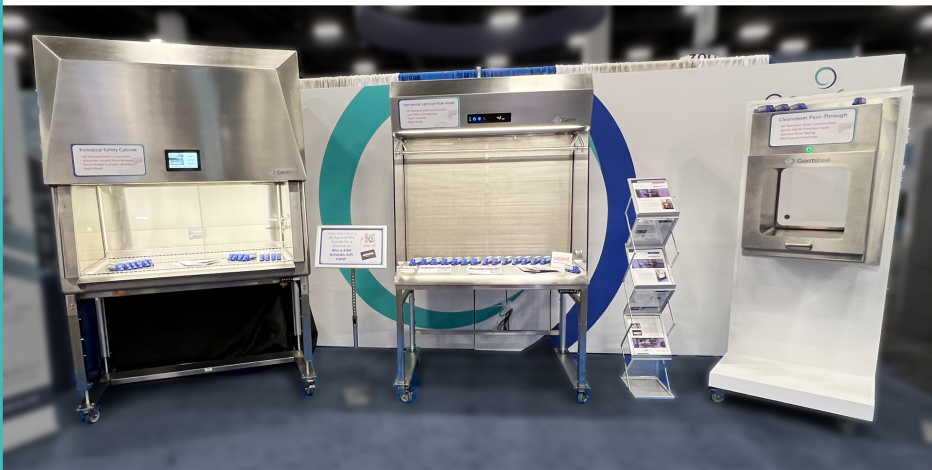


Microclass GSR

Microclass GSR2

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The laminar flow line includes touch controls and low glare LED lights integrated into the work area. Both units have a night mode setting that allows the hood to remain running during periods of non-use while reducing energy consumption.

The cleanroom pass-through boxes utilize mechanical interlocks to only allow one door to be open at a time. The active HEPA purge cycle is triggered by closing either door while the interlocks remain locked until the cycle is complete. These units have been designed with an upward door swing that reduces the equipment footprint and allows for universal installation.



[germfree.com](http://germfree.com)

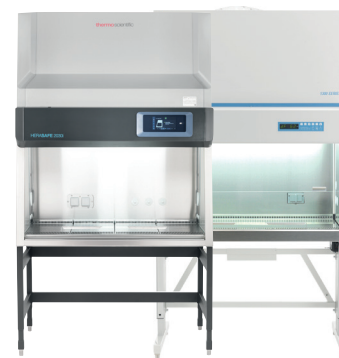
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Engineered with proprietary scanning technology, Camfil's containment solutions ensure precise filter certifications – *EVERY TIME*.

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**Over 40 Years of  
Innovation & Expertise in  
Cleanroom Monitoring**

The advertisement displays four pieces of Lighthouse monitoring equipment: the Apex10 (a small handheld device), the Apex23 (a larger handheld device with a screen), the Apex23 (a handheld device with a screen and a green handle), and the Vertex50 (a large, wall-mounted or benchtop unit with a digital display and control knobs). The background is a blurred image of a cleanroom environment.

## NOTES

[illegible]



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Class II Type A2 Biosafety Cabinet  
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At Esco Manufacturer's Update  
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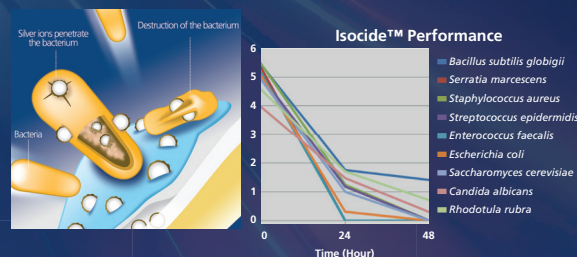
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