

LIST OF CONFERENCE WORKSHOPS

SAFETY, CASUALTY & SANITATION INSPECTOR CLASSES

Playground Maintenance Technician Workshop

Ken Kutska, Executive Director of the International Playground Safety Institute (IPSI)

*The Playground Maintenance Technician Comprehensive Training for Maintaining Safe Playgrounds is a one-of-a-kind Certificate of Completion Program that can save your agency maintenance costs of playground equipment and surfaces by providing the why and how on equipment and surfaces to meet current standards. Many agencies such as School Districts County and City Parks and Recreation Departments either hire outside vendors to repair and maintain playground equipment, make repairs that may not meet current standards or both. Participants taking this workshop will be trained on both aspects and can reduce downtime, costs for repairs as well as reduce liability exposure by having employees trained on these maintenance and repair techniques. The course is a two day workshop held exclusively at the FSPMA Annual Conference in Orlando, Florida on September 18 and 19, 2017. **The cost will be \$295.00 per person. The price of registration includes a textbook, workbook, Certificate of Completion, two lunches and full conference access to other maintenance, safety, environmental, grounds, fire safety courses for the entire week.***

Playground Surfacing Compliance

Rolf Huber, President, Canadian Playground Advisory

The object of this workshop is to provide the participants with the following; Understanding of the history of impact attenuation standards and the meaning of 200g and 1000 HIC, the specific requirements of ASTM F1292 with the 3 temperature laboratory test and the field test, compliance with mandates to ASTM F1292 in the ADA and CPSC, drop heights and impact values selected by the owner/operator as per ASTM F1292, how to write a performance specification for playground surfacing, what an ASTM F1292 test report looks like and a discussion on compliance of the ground level accessible route.

Walking Working Surfaces

Annabelle Wright, Educational Consultant, Florida Department of Education
Discussion of OSHA standard subpart D for aisles, passageways, guarding openings and holes in floors and walls, fixed stairs, portable and fixed ladders, safety requirements for scaffolding, manually propelled mobile ladder stands and scaffolds, and other working surfaces. This presentation includes changes to the standard implemented in January of 2017. The changes include fall protection for general industry, new requirements for fixed ladders, more flexibility for guarding holes and openings, and more.

Ergonomics

Annabelle Wright, Educational Consultant, Florida Department of Education
Ergonomics is the science of designing and arranging the job to the person that is doing it to minimize fatigue, discomfort, and injury. This presentation will cover proper lifting techniques to avoid back injuries, and techniques to avoid injuries from bending, twisting, kneeling, squatting, and over reaching.

Lock Out Tag Out

Annabelle Wright, Educational Consultant, Florida Department of Education
Discusses the requirements of an effective lock out / tag out program for the control of all sources of hazardous energy. Including the key elements of written programs, lock out/ tag out procedures, employee training, and monitoring of the lock out / tag out program for compliance.

Grounds Keeping Safety

Annabelle Wright, Educational Consultant, Florida Department of Education
Overview of hand and power tool safety for groundskeepers. This presentation also addresses the importance of protection from environmental hazards such as weather, insects, and reptiles.

Golf Cart and Utility Vehicle Safety

Annabelle Wright, Educational Consultant, Florida Department of Education
Covers basics of safe operation, general and specific driving guidelines, and campus dangers (relating to golf carts and utility vehicle operations). Provides an overview of vehicle types and features.

Personal Protective Equipment

Annabelle Wright, Educational Consultant, Florida Department of Education
The course reviews OSHA Personal Protective Equipment standards in Title 29 CFR 1910, Subpart I. Discussions include requirements for head, eye/face, hearing, respirator, torso, arm/hand, and leg/foot protection equipment, and how to determine usage and training requirements.

DEPARTMENT OF HEALTH

Biomedical Waste

Food & Water Borne Illnesses

School Inspections

STATE FIRE MARSHAL CLASSES

Florida Fire Prevention Code, FFPC, in Education Occupancies

Shar Hingson, MSM, Florida Fire Marshals and Inspectors Association & Greater Naples Fire District

Discussion of 5th Edition of FFPC, Florida Fire Prevention Code, as it pertains to educational occupancies. We will explore Chapter 14 of the Florida Fire Prevention Code 101 for new educational occupancies as well as chapter 15 for existing educational occupancies. Some of the topics that will be explored include: means of egress, travel distance, rated assemblies, dead end corridors, locking mechanisms, sprinklers, fire alarms and etc. We will discuss fires that have occurred in educational facilities to review their history and applicability to the current codes.

Fire Alarms

Shar Hingson, MSM, Florida Fire Marshals and Inspectors Association & Greater Naples Fire District

Presentation of the 5th Edition of FFPC, Florida Fire Prevention Code, as it pertains to occupancy types and the subsection of the occupancy code 3.5 pertaining to the requirement of fire alarm systems. Discussion will encompass when systems are required as well as the devices that are required. Also discussed will be the wiring, device selection, installation of fire alarm components as well as monitoring selection.

Fire Stopping and Fire Separation (How to Read the Detail and Installation Sheets)

Shar Hingson, MSM, Florida Fire Marshals and Inspectors Association & Greater Naples Fire District

Discussion of 5th Edition of FFPC, Florida Fire Prevention Code, 1 and 101 as it pertains to fire separations, fire penetrations, membrane penetrations, and fire stopping. We will review major manufactures (3M, Hilti, Spec Seal and others) fire stopping details as well as discussing the fire stopping terms (penetration, membrane, annular space, annulus, intumescent, elastomeric and etc.). USG and UL fire separation details will be provided for analysis and discussion.

Advanced State Requirements for Educational Facilities for New Construction

Don Whitehead, AIA, LEED AP, Safe and Efficient Facilities Design Manager, and Violet Brown, Senior Educational Program Director, Office of Educational Facilities, Florida Department of Education

The purpose of this course is to familiarize architects, inspectors, maintenance personnel, contractors, building officials, facility managers and administrators with sections of the State Requirements for Educational Facilities Manual, the Occupational Safety and Health Act (OSHA), the Florida Statutes regarding ethics, the Florida Fire Prevention Code, the Florida Accessibility Code and the

2017 Sixth Edition of the Florida Building Code as they relate to new construction of educational facilities.

**Fire Safety in Educational Facilities, State Fire Marshal (SFM) Rule 69A-58
Don Whitehead, AIA, LEED AP, Safe and Efficient Facilities Design
Manager, Office of Educational Facilities, Florida Department of Education**

The goal of this course is to familiarize fire safety inspectors as well as architects, inspectors, maintenance personnel, contractors, building officials, facility managers and administrators with SFM Rule 69A-58, Uniform Fire Safety Standards for Educational Facilities, as well as sections of the Florida Fire Prevention Code and the Florida Building Code as they relate to this rule.

**Maintaining Compliant Educational Facilities, Chapter 5, Rule 6A-2.0010
Don Whitehead, AIA, LEED AP, Safe and Efficient Facilities Design
Manager, Office of Educational Facilities, Florida Department of Education**

This is a course to familiarize architects, inspectors, maintenance personnel, contractors, building officials, facility managers and administrators with common safety hazards relating to fire safety, casualty safety, health and accessibility that may be present in existing educational, auxiliary and ancillary facilities under a school board's or a Florida College board of trustees' jurisdiction.

DEPARTMENT OF EDUCATION PLANNING WORKSHOPS

TBA

ENERGY & ENVIRONMENTAL CLASSES

Environmental Health for Sustainable LEED Green Buildings

Speakers Francisco Aguirre, CIAQP, CIEC, CMA, CAC057992, Director of Building Sciences at PACS and Dr. Rajiv R. Sahay, CIAQP, FIAS, Director Environmental Diagnostics Laboratory at PACS

Leadership in Energy and Environmental Design (LEED) ensures design, optimization and resource efficiency for sustainable green buildings, both for residential and commercial purposes. However, environmental health relates to the comfort, safety and health of the occupants. Due to recent technological advancements, several factors have been identified that can influence building health and hygiene. Biological, chemical and environmental contaminants emitted from internal sources or that infiltrate from the ambient environment impact both inhibitors and the built environment. Apart from various chemicals, many biological entities such as bio allergens, microbes and others are identified as some common obstacles in building planning, construction, maintenance and operations. Participants will enjoy an effective outline on LEED certification procedures and challenges for maintaining the environmental health of green buildings.

Benefits of LED and Questions to ask when researching to insure quality product.

Gerald (Jerry) L Connet Jr, Manager / LED Advantage

An overview of the questions people should ask when considering LED retrofit or conversion, talk about what kills LED, and the UL ratings you need to pay attention to.

Legionella: Diagnostics to Detection with ASHRAE 188

Speaker Dr. Rajiv R. Sahay, CIAQP, FIAS, Director Environmental Diagnostics Laboratory At PACS

Outbreaks of Legionellosis generally cause a high level of morbidity and mortality in the people exposed. Approximately 10–15 cases are detected per million people in a country like the USA. ASHRAE Standard 188 establishes minimum Legionellosis risk management requirements for building water systems. This presentation takes a detailed look at this standard while explaining it in easy to understand terms. This information is essential for anyone involved in design, construction, installation, commissioning, operation, maintenance, and service of centralized building water systems and components.

Steam Coil Cleaning: The Hot New Thing

Speaker Fred Schaaf, IAQ Solution Specialist

Recent research on heating ventilation and air conditioning (HVAC) systems has indicated that evaporator coils fouled with debris and microbial growth can decrease energy efficiency, as well as, pose a significant health risk to building occupants. Fouled coils can lead to higher operating costs, and less productivity through increased occupant illness. This presentation explores the effectiveness of the steam coil cleaning process relative to airflow and indoor air quality cleanliness gains to HVAC operations.

Indoor Air Quality for Schools Beyond MOLD

Nacole Caputo, Project Manager/S&ME, Inc

Health and safety in school and college art and science classes affects all concerned: teachers, their employers, students, and their parents. We will present an overview of the safety hazards associated with the arts and science labs. Recommended control methods to avoid IAQ problems include eliminating or reducing the use of potentially harmful chemicals and ensuring that room ventilation meets standards.

Lead Paint

James Rizk, President of OHC Environmental Engineering Inc

Workshop description

“... But it was just a renovation ...”

Russell E. Stauffer, P.E., FLAC, MRSA, Terracon Consultants, Inc.

The presentation will discuss how typical renovation projects can get so easily off-track and impacted in regard to regulations, budgets and schedules. Without a realistic, upfront look at the renovation scope and identifying the “impacts”, as opposed to ‘opinions on how to do it’, budgets and schedules can be impacted. The presentation will highlight some issues and provide helpful insights.

Roof Recycling & Landfill Diversion

Michael Schuman, RRC, CDT, Tremco Roofing and Building Maintenance
Over 8 million tons of roofing tear-off waste is dumped in the US Landfills each year. Most major metropolitan areas now have mandatory recycling of construction and demolition waste. Corporations are increasingly moving towards building designs that include recyclable, or zero-waste materials. This presentation will assist designers and owners in navigating zero landfill and recycling projects for new construction and retrofit commercial roofing systems.

Responsible Materials Management in the Arts

Don Stillwaugh, Environmental Specialist 2, Pinellas County Solid Waste Department

Throughout history artists have used a wide variety of materials. Many pigments, powders, metals, adhesives, solvents and various other chemicals used by artists are hazardous to human health. As many art techniques have evolved, so have the basic materials artists use – fortunately, many these days are “greener.” This presentation is meant to raise awareness about these materials not only to the artists working with them, but to the responsibilities of the facilities in which the works are created.

Advances in Indoor Air Quality in Educational Facilities

Eric D. Althouse, CIAQP (Air Intellect, LLC)

This workshop is perfect for the facilities manager or custodian with ADHD, as we will discuss a number of the latest innovations, discoveries and changes relating to indoor environmental quality in educational facilities. Topics include HVAC cleaning and controls, construction defects, spray polyurethane foam, bat/pigeon problems, flooring moisture problems, new discoveries on mold health effects including mold mycotoxin, new mold sampling technologies and more. You might even win prizes that will make you the envy of your pals (wink).

Emergency Management, Business Continuity and Disaster Recovery For School Districts

Douglas L. Tripp, Senior Director – Safety and Emergency Management
Kate Hardie, Director – Emergency Management and Business Continuity
Orange County Public Schools

School districts and other large public entities routinely face challenges from adverse and disruptive events. Oftentimes, these events possess the potential to interrupt district operations causing numerous impacts and risks to the organization. OCPS has developed an enterprise-wide emergency management and business continuity strategy that utilizes robust resilience planning to

establish the organizational framework to manage events; procedures aligned with those plans to guide staff; preparedness training that serves to reinforce plans and procedures; and drills and exercises which test the system to ensure organizational competency and allows for continuous improvement. The presentation will provide an overview of OCPS's approach and how it may apply to other school districts. Focus will be on how participants can develop and sustain organizational support for emergency management, business continuity and disaster recovery programming. Presenters will also utilize real event experiences to develop a fuller appreciation for how the district's approach is applied in practical terms. Participants will be engaged in ongoing dialogue to support an exchange of experiences, and to discuss best practices and/or the potential for improvement.

LANDSCAPE & GROUNDS

Grounds Keeping Safety

Annabelle Wright, Educational Consultant, Florida Department of Education
Overview of hand and power tool safety for groundskeepers. This presentation also addresses the importance of protection from environmental hazards such as weather, insects, and reptiles.

Golf Cart and Utility Vehicle Safety

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MAINTENANCE

Roofing Systems

Chris Bowman, Vice President ECS Florida LLC
The class will review the different types of roofing systems/materials. We will review the perceived expectations of these systems. We will review the installations of these systems, both proper and improper. We will examine the life expectancy and maintenance requirements of the systems; proper and improper repair examples. We will provide practical solutions to common problems experienced in a variety of roof systems.

Stage Rigging Repairs and Maintenance

Tommy Kendrick, Owner TomKat Rigging LLC
Is your backstage equipment safe to operate? Are ropes in good condition? If there were an emergency, would your fire safety curtain perform as it should? Identify backstage hazards before an accident happens. You are responsible for the safety of your students, faculty, and audience. From ropes that move lighting overhead to flame proofing of curtains, it's imperative everything is in proper

working order. Thousands of dollars are invested in your theatrical equipment and replacements are expensive. By identifying problems early repair costs can be minimized. This workshop will give you a working knowledge of the code and safety requirements in regards to ensuring a safe venue for all.

ARC Flash

Bob Ashworth/Pat Hayes, School District of Palm Beach County

Employers are now legally required to provide their employees who have any exposure to electrical hazards (electrical workers or non-electrical workers exposed to electrical hazards) documented electrical safety training that includes much more than wearing rubber insulating gloves or avoiding damp or wet locations. This class will touch on some basic knowledge of Arc Flash, what causes it, and how to determine the right PPE.

Plumbing Round Table

Harold Dominy, School District of Palm Beach County

This class will discuss the common challenges that plumbers face on a daily basis while working in our facilities. Bring your topics for discussion and let's try and find a solution and learn how other Districts address their challenges.

Maintaining Your Fire/Life Safety Systems

Heath Thomas, School District of Palm Beach County

Maintaining the fire, life, safety systems in our schools is a big challenge, maintaining your knowledge of all the various systems is as equally challenging. This session will provide recommended practices and frequencies that will assist you with the development of a proactive maintenance program for your District. Don't wait until an emergency to find out your systems do not function as intended.

Electrical Round Table/Preventative Maintenance

Bob Ashworth/Pat Hayes, School District of Palm Beach County

Studies show that the failure rate of electrical equipment is three times higher for components that are not part of a scheduled preventive maintenance program as compared with those that are. In addition, an EPM program allows us to choose when a system is shut down for routine maintenance rather than waiting for a failure to create an emergency call. This session will provide recommended practices and frequencies that will assist you with the development of a preventative maintenance program for your District.

Building Envelope Maintenance

Jay Ammon, Jay Ammon Architect Inc.

Avoiding the top ten most common failures of the building envelope."

This workshop will review principals of the building envelope, case studies of common building envelope failures of Florida schools and recommendations to avoid building envelope failures. There will be time for open discussion and questions.

Playground Equipment Repair

Chris Bannin/Dennis Crivaro, School District of Palm Beach County

There are over 200,000 children injured on playgrounds each year in the United States. That is 16,666 per month, 555 per day or 9 per hour. Of these, there are about 15 deaths per year. Approximately 47% of all student accidents occurred at elementary school playgrounds.

This class will discuss a proactive approach to maintaining your playground equipment, how to identify what brand it is and procedures for code compliant repairs by in-house staff.

The Perfect Paving Project

Connie Lorenz, Asphalt Restoration Technology Systems Inc.

The Perfect Paving Project is a fun filled, interactive, information packed class, on the ins-and-outs of how to put together and complete the “perfect paving project”. With this class, attendees will learn to measure and evaluate their property while learning to design an RFP that will give them what they requested. With information ranging from depressions to crackfill, we will show you how to understand the bids received, break them down and get the best project for your money! Once a contractor is selected, the class will guide attendees on what it takes to actually oversee their milling and paving project. This class will reveal the secrets behind the scenes on how to do it yourself and get it right the first time!

CUSTODIAL / OPERATIONS

Healthy and Sustainable Floor Surfaces

Dave Thompson, Gem Supply

This workshop will cover installation and maintenance of carpet (tiles vs. roll), VCT (vinyl composition tile), LVT (luxury vinyl tile), polished stone and concrete as well as other tile surfaces.

Change Management - Successfully Leading the Process

Larry Lawton, Owner, Lawton Brothers Inc.

This workshop will help you understand the changes that change brings; the difficulties of managing during change and commonalities of organizations that change successfully. This workshop will help you learn how to remove employee fears; how to communicate and implement change successfully; how to convince employees to forgo their commitment to existing system and how to control expectations for the future.

Taking the Work Out of Inspections

Dave Thompson, Gem Supply

Workshop description

Measurable Achievements - How to Evaluate, Inspect and Justify Duties and Cleaning Standards of Custodians

Travis McLoed, Buckeye

This workshop will cover setting standards, APPA 5 levels of cleanliness, ISSA standards of cleanliness, and evaluation and inspections

Cleaning Chemistry: How to choose the right chemicals and equipment for the task at hand

Chris Smith, Regional Sales Manager, National Chemical Laboratories

This class will provide an understanding of the pH scale and how it applies to typical soils. Discussion of The Seven Cleaning Mechanisms and how they are combined and applied to match the right cleaner to the right soil to reduce labor costs and ensure a clean facility. Basic Systematic Disinfection Equipment procedures will also be discussed as they apply to the necessary chemicals.

Flooring Life Cycle

Jeff Evans, Tandus

Workshop description

Cleaning For Health in Education from Custodians to Kids

Jennifer Upchurch, Dave Maurer, Regional Sales Manager/Creative Products International

How to Clean with Shrinking Budgets -Environmentally designed tools developed to create Healthy schools and lower Costs

Indoor Air Quality

Bob Petrone, Petrone Associates

Workshop description

Systematic Disinfection of Surfaces in School Settings

Michael McClary and Bob Petrone, Resource One and Petrone Associates

This class will highlight the cleaning and disinfection of facilities to remove harmful pathogens that are prevalent in schools. We will cover the standard procedures and products that have been part of the plant manager's arsenal for years. This class will cover how to quickly and properly disinfect unique areas such as buses and sanitizer those areas of food service that require sanitization. We will cover common mistakes when dealing with disinfectants and how to combat charge affinity of your cleaning solution. Additionally, we will cover in detail some of the emerging technologies that are being used currently to eradicate pathogens from a variety of surfaces and buildings. These new technologies are drastically improving the ability to remove harmful organisms.

FSPMA Chemical Specification Committee

Lou Stoecklin, Sarasota County Schools, Committee Chair

All attendees are welcome and encouraged to attend this session. The product evaluation committees are designed to help schools use cost-effective strategies in purchasing products commonly used in the management & operation of school facilities. This committees develops specifications for which products are tested for conformity and maintain a certified products list. These meetings are open to all FSPMA members and are an excellent forum for the exchange of ideas among schools and colleges and as a source of information on new products, procedures & technology.

FSPMA Custodial Training Committee

Rusty Moore, Manatee County Schools, Committee Chair
Eddie Flicker, Pasco County Schools (retired)

All attendees are welcome and encouraged to attend this session. The custodial Training Committee oversees the Professional School Custodian Certification Program and meets to exchange ideas relating to custodial services in schools. Cleaning procedures are discussed, as well as personnel issues such as employee recognition and improving morale.

PROFESSIONAL SCHOOL CUSTODIAN CERTIFICATION CLASSES

Professional School Custodian Course

Module 4: Floor and Carpet Care for Schools

Instructors

This course offers an in-depth explanation of the different types of flooring, as well as the benefits of each type and different methods for cleaning them. This includes wood, resilient flooring, masonry, carpeting and epoxy floors. This course covers all types of equipment and the differences between cleaning methods, as well as chemicals used to clean these surfaces. It also includes stain removal, methods for extending the life of flooring through proper walk-off mats, and the best schedules for vacuuming.

Professional School Custodian Course Module 6: Minor Maintenance and Climate Control Support: Structure and Energy Conservation for the School

Instructors

Course VI covers electricity, carpentry, plumbing, masonry, finishes and HVAC that a custodian may be asked to maintain. It also covers how to do these tasks safely and when to call an expert.

Professional School Custodian Course Module 9: Leadership Skills: Transition to Supervisor

St. Petersburg College

This is the Professional School Custodian Module 9: Leadership Skills: Transition to Supervisor. This class specifically addresses issues that are unique to school and college facilities staff. This class is attended by many school and college custodial and maintenance staff and supervisors with varying experience from newly employed to 30 years and longer and encourages class discussions. Because of these class discussions, every class is different but it is always rich with ideas on how to deal with different scenarios. This class also includes skits, videos and ideas for team building that you can use in your district or college. Everyone is welcome. You do not need to be a supervisor to attend.

Professional School Custodian Instructor Certification Course

Edward Flicker – (retired) Pasco County Schools

Instructors

After obtaining the Master Custodial Certification (available through FSPMA) we can certify one of your staff to train and certify your own district or college custodians. This program teaches custodians all aspects of the custodial field including the latest technical skills & equipment as well as safety and professional leadership skills. Once someone from your district is certified as an instructor, FSPMA will then certify any custodians who go through the program with that instructor

PERSONAL GROWTH WORKSHOPS

Employability Skills

Annabelle Wright, Educational Consultant, Florida Department of Education

What are your career goals and dreams for the future and how do you get there? This workshop will explore how you can start thinking about the future and what you want to do. It will show you how to develop a plan of action and figure out what the requirements are for the job you want. Included in the workshop will be discussions about getting the experience or education you need, preparing your resume, marketing and selling yourself to your prospective employer, interviews, meeting and exceeding your employer's expectations and preparing for the next step in your career path. This class will target participants who are in facilities related jobs.

Building Your \$10K Side Business

Shane Robson-Smith, The Workplace Money Coach

The workshop is a fun and creative workshop that helps employees learn how to create extra income outside of their full-time job by building a small business doing something they love. The workshop includes instruction on finding a great business idea that will work for you, creating a one-page business plan, pricing your products and services and how to get started right away! Participants of the "Building Your \$10K Side Business" workshop will also learn how to effectively

use the extra income they create to put toward their financial goals whether they would like to build savings, pay down debt or take that dream vacation.

Using the FRS to Plan for Your Retirement

Florida Retirement System (Ernst & Young, LLP)

This workshop provides an overview of the FRS and helps you understand the nuts and bolts of planning for your retirement – regardless of where you are in your career. The workshop will demonstrate the importance of planning as early in your career as possible. You will see the role the FRS Retirement Plans play in meeting your financial goals as well as the income gap that must be made up through saving and investing. You will leave the workshop with a full understanding of the ongoing financial planning resources available to you as a member of the FRS and a personal

Cash and Debt Management: Smart Spending and Saving for Retirement

Florida Retirement System (Ernst & Young, LLP)

This 90-minute workshop is designed to help evaluate your current spending habits and create a plan to help accomplish your financial goals. Tips for reducing expenses, managing debt and making decisions on the best use of available funds will be explored. We will also discuss how and when to review your credit reports and what makes up your FICO score. You will learn how to balance managing your everyday expenses while thoughtfully saving for your future. Additionally, we will discuss an action plan that utilizes tax advantaged retirement savings accounts as a means of efficiently saving for your retirement. You will leave the workshop with a full understanding of the ongoing financial planning resources available to help