



ERAPPA 2009



59th Annual Conference
October 4 - 7, 2009

Portland, Maine



Conference Program



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University of Southern Maine



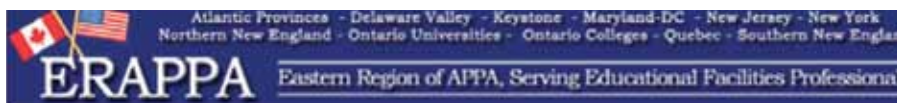
University of Vermont



Saint Michael's College



Colby College



ERAPPA President's Message



Welcome to Portland.

I'm thrilled that you have made the decision to spend the next couple of days in Northern New England and participate in the 59th ERAPPA Annual Meeting.

Your Host Committee co-chaired by Dan Gearan and Gordon Cheesman has been working tirelessly on providing a first-rate experience for you over the next couple of days. The theme this year is "imagine" and I think after hearing our keynote speakers, Jeff Noel and Agnus King, you will walk away with ideas to bring back to your campus. The educational program assembled by the dedicated Professional Development Committee is unquestionably the premier educational opportunity for Facilities individuals on the East Coast.

For our first time attendees, the ERAPPA Annual Meeting offers the opportunity to connect and collaborate with colleagues and business partners from Washington, D.C. to Halifax and a myriad of places in between which is unique and something I look forward to annually. With any luck you will begin the foundation of relationships that will strengthen your knowledge base for decades to come.

For the first time in ERAPPA's history, we are extremely excited to offer APPA's supervisor toolkit and the Educational Facilities Professional Exam to individuals who registered and we see this as an excellent example of reaching out to more members to engage them in ERAPPA. Membership matters and I hope you will continue to bring ERAPPA back to your chapters.

Our Annual Meeting nears conclusion on Tuesday night at the Annual Awards Banquet, which provides a great opportunity to reflect on the year that passed as well as install a new Board which will lead ERAPPA into a very bright future. It's been my absolute pleasure to serve as your 2008-09 President. Enjoy Portland and we'll see you in the hallways, corridors, classrooms, and exhibit hall.

Best,

Keith Woodward
ERAPPA President



ERAPPA Board Members



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NNECERAPPA President's Message



Dear ERAPPA Colleagues and Friends,

On behalf of the Northern New England Chapter, I am honored to welcome you to the 2009 Annual ERAPPA Meeting, here in beautiful Portland, Maine. Our chapter has a long history of rising to the many challenges that we face and having the outcome being a treasured memory. In these tough economic times our host committee was faced with the challenge of putting together a meaningful event that also was attractive to atypical attendees. With that in mind, we arrived at our theme "Imagine", if you believe it is possible, then make it happen. Our Professional Development sessions will offer a wide breadth of knowledge in the many fields that we all deal with day to day in our ever-changing professional lives.

We are offering both the Supervisors Toolkit as well as the EFP, at substantial savings, to help attract new members to our already robust membership. These, along with numerous CEU's, make this Professional Development opportunity very attractive.

The host committee, over the last two plus years, has strived to organize a program that will educate, enlighten as well as amaze the many participants at the meeting. Our committee is a very broad based group with one goal in mind; (putting together a meeting that everyone wants to attend.)

With the majestic Portland harbor as the backdrop, the 2009 host committee has intertwined Northern New England's beauty and charm with a wide range of tours and spouse / guest events. The natural beauty of Maine's fall foliage, accompanied by the location, and it's proximity to the historic Old Port section of Portland; this meeting will be remembered by all for many years to come.

Please interact with our business partners and show them your support by visiting their booths and developing new relationships.

We hope you all get the opportunity to enjoy the local flavor of this area. Please feel free to connect with any and all members of the 2009 ERAPPA host committee. Take the opportunity to enjoy the local flavor, and finally be sure to join us for an evening of entertainment at a traditional Maine Lobster Bake on historic House Island.

We are looking forward to reconnecting with old friends as well as making new ones in beautiful Portland, Maine!

Dale DeBlois,
President,
Northern New England
Chapter of ERAPPA



2009 Host Committee

Chair / Co-Chair of the Host Committee

Dan Gearan
Gordon Cheesman

Secretary

Dave Cutler

Finance Sub-Committee

Gordon Cheesman
Jonathan Brush
Dave Cutler

Educational Program / Scheduling Sub-Committee

Anita Bailey	Dana Peterson
John Gratiot	Don Briselden
Leo Deon	John Michalewicz, ERAPPA Liaison
Tim Pedrotty	

Entertainment / Special Events and Spouse / Guest Sub-Committee

Dale Deblois	Dave Cutler
Dan Gearan	Dana Peterson

Golf Sub-Committee

John Gratiot
Dave Barbour

Public Relations / Marketing Sub-Committee

Leo Deon
Dan Gearan

Registration and Transportation / Attendee Coordination

Dave Early
Gordon Cheesman

Business Partners and Sponsorship Sub-Committee

Rich Wolbach	Dave Cutler
Dana Gray	Dana Peterson

Event Scripting / Coordinator / Traffic Cop

Don Briselden
Jonathan Brush
Tim Pedrotty

USM Department of Conferences

Elizabeth Morin
Sherry Phillips
Tim Thornton



University of New Hampshire



*University of Maine,
Farmington*



Phillips Exeter Academy

Schedule at a Glance

Friday, October 2

8:00 a.m. - 4:30 p.m.
ToolKit

8:00 a.m. - 5:00 p.m.
ERAPPA Board Meeting

6:00 p.m. - 10:00 p.m.
Dinner - ERAPPA Board,
ERAPPA Committees

Saturday, October 3

8:00 a.m. - 4:30 p.m.
ToolKit

8:00 a.m. - 4:30 p.m.
EFP Prep Course

9:00 a.m. - 12:00 p.m.
ERAPPA Board &
Committee Meetings

1:00 p.m. - 4:45 p.m.
ERAPPA Board &
Committee Meetings

1:00 p.m. - 6:00 p.m.
Registration

5:30 p.m. - 7:00 p.m.
President's Reception
(by invitation only)

Sunday, October 4

6:30 a.m. - 2:00 p.m.
Golf Tournament

8:00 a.m. - 3:45 p.m.
ToolKit

8:00 a.m. - 12:00 noon
EFP Test

9:00 a.m. - 8:00 p.m.
Registration

9:00 a.m. - 4:00 p.m.
Exhibit Hall Move In & Set Up

10:00 a.m. - 1:30 p.m.
Tour Portland By Land & Sea

10:00 a.m. - 3:00 p.m.
Tour UNE/USM New Facilities

10:00 a.m. - 3:00 p.m.
Tour Freeport Outlets &
L.L. Bean Shopping

12:30 p.m. - 4:00 p.m.
Sports Sunday
Port of Call Lounge

3:00 p.m. - 4:00 p.m.
Chapter Meetings (Optional)

4:00 p.m. - 5:00 p.m.
First Time Attendee Reception

5:00 p.m. - 8:00 p.m.
Exhibition Hall Grand
Opening Reception

Monday, October 5

6:30 a.m. - 6:00 p.m.
Registration

7:00 a.m. - 7:45 a.m.
Breakfast

7:45 a.m. - 9:45 a.m.
Keynote Speaker

9:45 a.m. - 4:00 p.m.
Whale Watch Adventure
Spouse/Guest Tour

9:45 a.m. - 5:00 p.m.
Exhibit Hall Open for
Networking

9:45 a.m. - 10:30 a.m.
Networking in Exhibit Hall

9:45 a.m. - 4:30 p.m.
Toolkit

10:30 a.m. - 11:30 a.m.
Concurrent Education
Sessions No. 1

11:30 a.m. - 1:00 p.m.
Networking in Exhibit Hall

Schedule at a Glance Sponsored by



Schedule at a Glance

1:00 p.m. - 2:00 p.m.
Concurrent Education
Sessions No. 2

2:00 p.m. - 3:00 p.m.
Networking in Exhibit Hall

3:00 p.m. - 4:00 p.m.
Concurrent Education
Sessions No. 3

4:30 p.m. - 10:00 p.m.
Lobster Bake

Tuesday, October 6

6:30 a.m. - 4:00 p.m.
Registration

7:00 a.m. - 7:45 a.m.
Breakfast

7:45 a.m. - 9:00 a.m.
Keynote Speaker

9:30 a.m. - 4:00 p.m.
Spouse/Guest Tours

9:00 a.m. - 11:30 a.m.
Exhibit Hall Open for
Networking

9:00 a.m. - 9:45 a.m.
Networking in Exhibit Hall

9:45 a.m. - 4:30 p.m.
Toolkit

9:45 a.m. - 10:45 a.m.
Concurrent Education
Sessions No. 4

10:45 a.m. - 11:30 a.m.
Networking in Exhibit Hall

11:30 a.m. - 12:30 p.m.
Concurrent Education
Sessions No. 5

12:30 p.m. - 2:30 p.m.
Lunch/Business Meeting

2:30 p.m. - 3:30 p.m.
Concurrent Education
Sessions No. 6

3:30 p.m. - 3:45 p.m.
Refreshments Outside

Education Rooms

3:45 p.m. - 4:45 p.m.
Concurrent Education
Sessions No. 7

5:30 p.m. - 12:00 a.m.
Reception, Awards,
Dinner & Entertainment

Wednesday, October 7

7:00 a.m. - 8:00 a.m.
Morning Fun Walk/Run

7:00 a.m. - 10:00 a.m.
Breakfast - Delegates &
Spouses / Guests

9:00 a.m. - 11:00 a.m.
Lessons Learned Meeting

11:00 a.m. - 2:00 p.m.
ERAPPA Board Inaugural
Meeting (FY 2009/2010)

Schedule at a Glance Sponsored by

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Restoration & Maintenance**



GENERATIONS OF EXCELLENCE

Monday Keynote Speaker



Jeff Noel

Jeff began his Disney experience as College Program intern "Jungle Jeff" on the world-famous Jungle Cruise attraction. He left Disney later that year to pursue his dream of riding a bicycle across the United States.

Jeff returned to the Walt Disney World Resort in 1984 and held various front-line roles in Theme Parks and Resorts and also taught the Disney Traditions orientation program. In 1988, he began his leadership experience in Resort Operations and eleven years later he accepted the invitation to become a Disney Institute facilitator. Here, he works hard to excite, inspire, and motivate others. "To teach is to learn twice," you'll hear him say. And this is why his 20-plus years in Walt Disney World operations is such an asset in the classroom.

Spanning his career, Jeff managed our Corporate VIP department, working directly with Michael Eisner's office in Burbank. He opened Disney's Yacht and Beach Club Resorts, managed Concierge operations at Disney's flagship Grand Floridian Resort, and served on the Disney Institute advisory team while managing Front Office operations for Disney's Village Resort. He returned to the Grand Floridian in a unique role as Guest/Cast Satisfaction Manager. His passion was dedicated to developing the Cast while providing exemplary service to our Guests.

Prior to Disney, Jeff worked in manufacturing, residence hall operations, public recreation, and hospitality in his home state of Pennsylvania, as well as New Jersey, Idaho, and Washington State. Personally, he doesn't wear a wristwatch, watches the sun rise and set every day, drives the speed limit, and strives to become the kind of person his dog thinks he is! He'll tell you his greatest accomplishment and gift is his young son.

Jeff received his Bachelor of Science degree in corporate recreation and fitness from West Chester University in Pennsylvania. He attended the University of Idaho as a National Student Exchange Program participant and is a graduate of the North Carolina Outward Bound School.

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Tuesday Keynote Speaker

Angus King, former governor of Maine

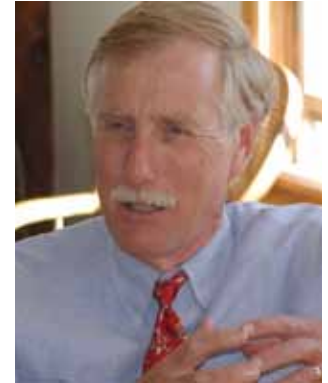
Bowdoin College Distinguished Lecturer since 2004

Angus S. King Jr. served two four-year terms as Maine's 71st governor. He took office in 1995 as the only independent governor in the country. His 1998 reelection was one of the largest margins of victory in Maine's history. He left office in January 2003. During his term as Maine governor he focused on economic development and job creation, education, mental health services, corrections, land conservation and environmental protection, and improvements in service delivery by state government.

Governor King's administration accomplished a total rebuild of the state's mental health and corrections systems, major improvements in the state's service capability, a substantial increase in the state's commitment to research and development, the largest increase of lands in conservation in the state's history, and the nationally recognized program to provide laptop computers to every seventh and eighth grade student in the state.

Governor King graduated from Dartmouth College in 1966 and earned a law degree at the University of Virginia Law School in 1969. He has served as Distinguished Lecturer at Bowdoin since January 2004. In May 2007, he received an honorary doctor of laws degree at Bowdoin's 202nd Commencement exercises. He recently served as Visiting Fellow, Institute of Politics at the Kennedy School of Government, Harvard University.

Angus King has taken the unusual step of becoming a wind power developer. Drawing on his diverse past, Governor King co-founded a wind development company, Independence Wind, in early 2007, along with Robert Gardiner, a former director of Maine's Bureau of Public Lands and former Maine Advocacy Center Director for the Conservation Law Foundation. Independence Wind is actively working on developing a commercial wind farm in Western Maine.



Angus King

Sponsored by:



APPA Presenters

Supervisor's Toolkit

Supervisor's Toolkit

Nuts and Bolts of Facilities Supervision



Nancy Yeroshefsky

Nancy Yeroshefsky, Assistant Director of Facilities Human Resources and Payroll, has over twenty-four years of human resources experience, twenty of which are directly related to Facilities Management. She is responsible for the management and oversight of all human resources and payroll functions for a staff of over 800. She has her master's degree in General Administration and Human Resources from the University of Maryland University College. Nancy is certified as a trainer for Zenger Miller's FrontLine Leadership program, is certified by her university as a Sexual Harassment Prevention trainer. She is a co-developer of APPA's Supervisor's Toolkit: Nuts and Bolts of Facilities Supervision and a Master-Facilitator for the program.



Carol Trexler

Carol Trexler, Associate Director, Facilities Human Resources, has over 20 years of experience at Rutgers, the State University of New Jersey. She is responsible for administering all aspects of human resources and analyzing and implementing professional development programs for the Facilities Division. A graduate of Montclair State University, she has been active in ERAPPA, having served as newsletter editor, videotape library administrator and chair of the Education Committee. She has presented at several regional and national APPA meetings and has been the ERAPPA rep to the APPA Education Committee. Carol was a co-developer of Supervisor's Toolkit and serves as a member of the Toolkit Committee.

Education Facilities Professional Preparation Course



Jim Whittaker

Jim Whittaker is President of Facility Engineering Associates (FEA) a firm specializing in total asset management of facilities. Mr. Whittaker's specialization is in the areas of facilities asset management, O&M management, strategic facilities planning, project management, and facility management technologies. During his 23 years in the facilities industry, Jim has managed hundreds of facility engineering and consulting projects throughout the United States, in the UK, and Central and South America. He has both bachelor's and master's degrees in engineering and certifications through IFMA and APPA as a certified facility manager (CFM) and educational facilities professional (EFP), respectively. He was selected as a Fellow of the Royal Institute of Chartered Surveyors (FRICS) for his FM work experience, relationships, and lecturing throughout the UK. Mr. Whittaker has developed and teaches courses in IFMA's Professional Development program and at the APPA Institute and has presented at dozens of international facilities conferences. He was also appointed to the National Academies of Sciences Committee on Core Competencies in Federal Facilities Asset Management.

ERAPPA is the Eastern Region of



Education Sessions

Monday, October 5, 2009

	SUSTAINABLE <i>Connecticut Room</i>	FACILITIES PLANNING <i>Rhode Island Room</i>
<p>Session I 10:30 – 11:30 a.m.</p>	<p>Striving for Climate Neutrality on Campus: 7 Steps to Developing a Climate Action Plan <i>Michael Crowley, MS, LEED AP; Debra Shepard, Environmental Health & Engineering</i></p> <p>In the absence of nationwide greenhouse gas (GHG) reduction regulations, many colleges and universities have been taking a leadership role by mitigating GHG emissions resulting from their own campus operations. This presentation will provide a 7 step climate mitigation roadmap for facility directors or sustainability practice leaders.</p>	<p>Choosing the Best Delivery Method for Your Project <i>Steve Cunningham, AIA, LEED AP; Spagnolo Gisness & Associates, Inc.; Gordon King, Suffolk University; Tim Bonfatti, President, Compass Project Management, Domenic Tiberi, Vice President, Barr & Barr Builders, Inc.,</i></p> <p>Design/Build, CM at Risk, CM Advisory, and General Contracting are all terms that we are familiar with. They make specific reference to various forms of project delivery and contract types – some better suited for specific projects, programs and building types than for others. A panel of industry experts – Facilities Director, Builder, Architect and Owner’s Project Manager - will provide a primer on several different project delivery methods and discuss the best case scenarios under which the delivery method should be used on your campus. Roles and responsibilities of the team members including the owner as well as the basic differences in contractual relationships will be presented in a case study type format.</p> <p>Target Audience: Physical Plant Administrators and Facility Managers who only build capital projects on an occasional basis; Capital Project Managers, Physical Plant Administrators, Facility Managers and others who build more often that are interested in learning the benefit and value of alternative delivery systems.</p> <p><u>Level:</u> Beginner and Intermediate</p>
<p>Session II 1:00 – 2:00 p.m.</p>	<p>Developing a Climate Action Plan with the Campus Carbon Calculator <i>Anne Stephenson, Clean Air-Cool Planet</i></p> <p>The Campus Carbon Calculator™ is the leading tool for assessing campus greenhouse gas emissions. The newly-released version 6 includes new Projection and Solutions Modules designed to help campuses evaluate and strategically bundle their emissions reductions options based on quantitative analyses of the financial and emissions-related impact of potential policies and projects. Participants will learn how to use the new planning module of the Campus Carbon Calculator™ to compile their own climate action plans in a structured, rigorous way that ties back seamlessly to their GHG inventories.</p>	<p>The SOS: Smart Opportunities for Savings <i>Norman Young, University of Hartford; Janet Waldron & Steve Peary, University of Maine; James Kadamus, Sightlines, LLC</i></p> <p>The unprecedented financial crisis has facilities and finance professionals sending out an SOS, looking for help on how to identify savings and efficiencies without reducing services and falling into a cycle of more rapid deterioration. Learn how two campuses use data to gain knowledge to implement smart opportunities for savings.</p>

*Presentation approved for AIA/LU & PIE/PDH credits

**Presentation qualifies for HSW credit

Education Sessions

PEOPLE <i>Massachusetts Room</i>	POTPOURRI <i>Somerset/Oxford Room</i>	UTILITIES/ENERGY <i>York Room</i>
<p>Tribal Knowledge and a Diverse Workforce...Bridging the Gap With Effective Mentoring</p> <p><i>Mark Sekula, Facility Engineering Associates, P.C.</i></p> <p>Developing an effective mentoring program continues to be a critical tool for your facilities toolkit. The ability to pass on critical knowledge in the proper care and operation of physical plants in universities and colleges from an aging workforce to a younger, more diverse one is no small task. This session will provide a practical approach for both the mentor and mentee as we discuss proven techniques and ideas. Join us and become a leader in creating a work environment that feeds on positive energy and knowledge transfer and helps push others to greater heights.</p>	<p>Security Assessments and Security Project Planning for College Campuses</p> <p><i>Chad Barnes, C&S Engineers, Inc.</i></p> <p>The need for appropriate assessments and project planning for security on a college campus are paramount in implementing an effective campus security plan and in ensuring that it makes operational and fiscal sense for the campus community. This presentation will discuss NFPA 730, the security assessment/planning process, and what it takes to properly develop a security plan for your campus.</p>	<p>Managing Energy in These Volatile and Difficult Times *</p> <p><i>Jon Sorenson, Competitive Energy Services</i></p> <p>Jon Sorenson, Competitive Energy Services partner, will provide an energy market overview, explore product procurement, and discuss strategy development and implementation. He will present case studies, information about the regulatory environment and renewable products. His program targets businesses, institutions and large end-users, and is appropriate for mid to high levels.</p>
<p>Responding To Emergencies On Campus – An Easier More Effective Way</p> <p><i>Robert J. Gleason, STV Security Solutions Group</i></p> <p>This session will focus on the complexities of critical incidents and innovative ways to more effectively respond to those incidents on campus. The audience will take away an array of meaningful technology enabled solutions and best practices currently being used by emergency and crisis response organizations. The solutions discussed will deal with all aspects of the response process to include formulating the campus crisis plan, implementing the plan, the importance of checklists, and the crisis management team. The presentation will be applicable to personnel in every office on campus. Anyone who is concerned about the safety of the campus and who will assist when a crisis occurs will benefit from the presentation. Level of complexity is for beginners.</p>	<p>A Decade of In-filled Synthetic Turf: Did They Perform As We Imagined, And What Do We Do Now?</p> <p><i>William Seymour, P.E., Gale Associates, Inc.; Jean Robinson, University of Massachusetts Lowell</i></p> <p>A decade ago, facilities managers “imagined” safer, more durable athletic fields. “Infilled” synthetic turf was introduced in 1998 with claims of more grass-like appearance and performance. Despite a lack of data, infilled turf systems quickly displaced AstroTurf-type carpets. Gale Associates and the UMass Lowell will discuss the infilled turf installed in 2000 and replaced in 2009. The presentation will detail actual performance data, maintenance costs, safety data, and replacement planning.</p>	<p>Sustaining Campus Utility Load Growth: Infrastructure Upgrades versus Load Reduction Strategies</p> <p><i>David Madigan, van Zelm Engineers; Stephen Shadford, P.E., CEM, LEED AP, Dartmouth College</i></p> <p>Significant operating cost savings can be realized using energy conservation projects as a strategy to eliminate increasing the capacity of utility infrastructure. This presentation examines the use of energy conservation projects as “Demand Side Management” tools to eliminate or minimize costs associated with increasing the capacity of campus utility systems.</p>

Education Sessions

Monday, October 5, 2009

SUSTAINABLE <i>Connecticut Room</i>		FACILITIES PLANNING <i>Rhode Island Room</i>
Session III 3:00 – 4:00 p.m.	<p>Imagine Energy Efficient Campus: Benchmarking Energy Use Through ENERGY STAR</p> <p><i>Maureen Roskoski, REPA, LEED AP, Facility Engineering Associates, PC</i></p> <p>Are your buildings operating efficiently? How can you benchmark your portfolio's energy consumption? We will show you how you can use ENERGY STAR's online Portfolio Program to benchmark your buildings' energy performance across your campus. This session will show you how to calculate your score you and prioritize energy initiatives.</p>	<p>How to Stay Lean and Mean in a Down Economy</p> <p><i>David Slomsky, William A. Berry & Son, Inc.; Marylou Batt and George Smith, Lesley University; Simeon Bruner, RA and Jason Forney, AIA, LEED, Bruner/Cott Architects</i></p> <p>How do schools spend construction dollars wisely without sacrificing their competitive edge? Those involved with campus construction will be interested to hear an economic outlook with regards to construction, as well as hear from a New England University on how their school is constructing through this down economy. (All Levels)</p>

*Presentation approved for AIA/LU & PIE/PDH credits

**Presentation qualifies for HSWa credit

Education Sessions

PEOPLE <i>Massachusetts Room</i>	POTPOURRI <i>Somerset/Oxford Room</i>	UTILITIES/ENERGY <i>York Room</i>
<p>Using The Power Of Students... Case Study of The University Of Vermont Engineering Intern Program</p> <p><i>Salvatore Chiarelli, Richard Wolbach, University of Vermont, plus interns Evan Malina '10, Jacquelyn Kline '09, Joshua Hogan '10, Travis Rohlin '09, Nick Chiarelli '10</i></p> <p>The University of Vermont's Physical Plant Department has partnered with the College of Engineering and Mathematical Science with a use of an available viable resource, the Engineering Students. Developing a list of meaningful, real, and challenging projects, Physical Plant has tapped into this resource as a way to get some engineering studies performed as well developing a potential applicant pool for introduction of young talent into an aging Facilities work force.</p>	<p>Cost Effective Management & Quality Assurance Strategies for Pavements</p> <p><i>Robert Christman, P.E., Vanesse Hangen Brustlin</i></p> <p>Significant resources are directed to the ongoing operation and maintenance associated with campus pavements. Most important is to properly manage what you have, and, assure what you actually get. In this session, a nationally recognized expert in pavement engineering will offer a case study that illustrates new approaches to cost-effective management and quality assurance of pavements and identify benefits, key principles and lessons learned.</p> <p>Intended Audience: Pavement facility planners, engineers, operations managers; facility pavement infrastructure asset managers. Technical complexity: mid-level supervisors, managers, or senior technical staff</p>	<p>Commercial-Scale Outdoor Solar Powered Area Lighting is Becoming Mainstream. What's Driving It and What are the Do's and Don'ts *</p> <p><i>Moneer Azzam, SolarOne Solutions, Inc</i></p> <p>Lighting is a key factor in selecting a college campus. Security, energy issues and green-branding has catapulted interest in solar powered lighting. New products and claims are flooding the market. Quality, performance and price vary widely, creating confusion for facility managers. This presentation brings clarity through discussion of basics and case studies.</p>

Education Sessions

Tuesday, October 6, 2009

	SUSTAINABLE <i>Connecticut Room</i>	FACILITIES PLANNING <i>Rhode Island Room</i>
<p>Session IV 9:45 – 10:45 a.m.</p>	<p>The Development and Application of Policy-Based Tools for Institutional Green Buildings <i>Anthony Cupido, McMaster University</i></p> <p>This presentation highlights the outcomes of a quantitative survey and qualitative interviews that were undertaken with senior APPA facility professionals to determine if policy is essential for sustainable building practices and the implementation of LEED®. This non-technical topic will interest all facility managers who want to have a sustainable campus.</p>	<p>Making Existing Buildings Environmentally and Educationally Relevant to the 21st Century Campus* <i>Matthew Broderick, AIA, LEED AP & Peter Larson, AIA, LEED AP, Ashley McGraw Architects, PC; Eric Beattie, MBA, Syracuse University</i></p> <p>Does it make sense that students in the 21st century should learn in classrooms designed for the mid-20th century? Or that these buildings should be seriously energy-wasteful? Since they go hand-in-glove, why compromise on either count? This program presents results of research by a team of Syracuse University facilities staff, faculty, and the initiating architectural consultants that answers these questions. Selecting a real, typical post-WWII SU campus building that is neither optimal educationally nor in any way fossil fuel energy-efficient, they explored ways to renovate the interior, provide vibrant classrooms, and establish a net zero fossil fuel energy strategy.</p> <p><u>Target Audience</u> - Campus architects, facilities directors, administrators and finance officers; <u>Technical Complexity</u> - Intermediate</p>
<p>Session V 11:30 – 12:30 p.m.</p>	<p>Imagine Your Institution an Environmental Leader! An Insider's View of the Rutgers University Recycling Program and Communications Strategies <i>David DeHart & Dianne Gravatt, Rutgers University</i></p> <p>Rutgers University presents its award winning recycling program and communications strategies. This presentation will detail how our recycling program developed from its infancy to the environmental forerunner among academic institutions that it is today. For experts and beginners alike, see how Rutgers is leading the way toward a sustainable future.</p>	<p>Attainable Goals- Breaking Down A Master Plan* <i>Rob Klinedinst AIA, LEED AP & Mark Lee, LEED AP, Harriman; Nancy Whitehouse, Chair of the Planning Committee and Curriculum Technology Coordinator at USM/LA</i></p> <p>A Master Plan must be realistic because often needs are greater than available resources. A realistic picture must be created within the bounds of a short-term plan which makes clear what is achievable within the next 5-10 years. A systematic process for prioritizing will help achieve the visionary long-range plan.</p>

*Presentation approved for AIA/LU & PIE/PDH credits

**Presentation qualifies for HSW credit

Education Sessions

PEOPLE <i>Massachusetts Room</i>	POTPOURRI <i>Somerset/Oxford Room</i>	UTILITIES/ENERGY <i>York Room</i>
<p>Creative Parking Solutions <i>Christopher Brennan, P.E., Walker Parking Consultants</i></p> <p>Walker's discussion will explore various methods for addressing campus parking issues in a challenging economy. We will collaborate with the audience, tailoring our areas of focus to their particular parking problems. Discussion topics will be chosen from the following list: supply/demand analyses, space optimization, access control practices, and use of shared-car parking.</p>	<p>Current and New ADA Campus Access Obligations <i>Denis Pratt, RA, AIA, Alpha One</i></p> <p>The 2004 Accessibility Guidelines issued by the Access Board address a wider range of facility types than the current 1991 ADAAG standards. They now include recreation facilities, boating facilities, swimming pools, and new assembly requirements. This workshop reviews the current standards and new accessibility guidelines that campus facility managers should know about and highlights the significant changes.</p> <p><u>Technical Complexity</u> - Intermediate</p>	<p>Wind Power – Reducing Campus Energy Costs at the University of Maine, Presque Isle <i>James Wilson, P.E., Woodard & Curran</i></p> <p>Woodard & Curran worked with the University of Maine at Presque Isle (UMPI) to realize their vision of a working wind turbine on campus. The 600 kW turbine went online in May of 2009. This presentation is a beginner's introduction to the various phases of implementing a similar project.</p>
<p>A Picture is Worth a Thousand Words: Visualize Your Emergency Planning <i>Tim McLean & Laurie Green, Accruent, Inc.</i></p> <p>The threat of large-scale emergency incidents continues on campuses. In recent years, the information on facilities and location references for personnel, key equipment and other assets have begun to play a more significant role. This session will demonstrate how you can provide all users - whether CAD licensed or not - the ability to get a visual representation of sites, buildings floors, quickly through the web. This session will show you what is possible if you dare to imagine.</p>	<p>Our Energy Future: The Imaginings of a Concerned Architect <i>Gary Moore, SAE</i></p> <p>We have always considered our planning for the future to just being an extension of the past. Now, perhaps for the first time, this is not the case. This presentation is a discussion of how campus administrators can meet the basic needs of heat, light, and electricity in the next 20 years</p>	<p>Imagine Sustainable Geothermal Heatpump Applications In University Buildings <i>Panel Discussion: William Turner, M.S., P.E., The H.L. Turner Group, Inc.; David Early, P.E., C.E.M, C.C.C. A., University of Southern Maine; Robert Lawrence, University of Maine Farmington;</i></p> <p>The use of watersource heatpumps to both environmentally & economically sustain the transfer of energy to and from the earth for Heating and Cooling University Buildings has rapidly increased. With earth source temperatures in the range of 30°F to 70°F the design parameters and constraints for accomplishing this in a truly sustainable manner depend upon the local hydrology, the building envelope, the use of the facility, the energy cost, and a designers' skills. We will provide a review of the theory of geothermal heatpump operation regarding reliability and efficiency and highlight parameters that will most likely affect the outcome of the performance for a sustainable design. Two buildings on the USM Portland Campus will be available for tours. <u>Target Audience</u> - Those with technical and financial interests in the sustainable (green) heating and cooling of buildings with geothermal heatpump technology.</p>

Education Sessions

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	SUSTAINABLE <i>Connecticut Room</i>	FACILITIES PLANNING <i>Rhode Island Room</i>
<p>Session VI 2:30 – 3:30 p.m.</p>	<p>The Question Of Greenwash And The Environmental Benefits Of LEED Building Construction And Certification. Are The Benefits Real Or Imagined? *</p> <p><i>David Early, P.E., C.E.M., C.C.C.A., University of Southern Maine</i></p> <p>The LEED Certification program has become the target of increasing criticism. Has LEED created the illusion of environmental sustainability, rather than actual sustainability? Is the true goal and mission of the USGBC an economic, business centered effort about promoting their own agenda, prestige, and financial worth? Can this be true? What is the right or wrong emphasis on Green? This presentation will be of interest to everyone interested in green construction, renovation and the LEED process.</p>	<p>"Bright" Green Buildings Provide Significant Return on Investment for the Higher Education Market *</p> <p><i>William MacGowan, P. Eng., Delta Controls</i></p> <p>The presentation summarizes the benefits of converging Green Technologies and Building Intelligence. To date there has been tremendous talk about the value of this convergence. Missing for Facilities Managers has been the detail required for proper evaluation. This presentation provides highlights of a recently completed industry research study entitled "Bright Green Buildings".</p> <p><u>Target Audience</u> - Facilities Managers</p> <p><u>Technical Complexity</u> - Mid-Level</p>
<p>Session VII 3:45 – 4:45 p.m.</p>	<p>A Systematic Approach To Managing Construction and Demolition Waste On A University Campus</p> <p><i>Michelle Smith Mullarkey & Ralph Stuart, University of Vermont; Jesse Robbins, LEED AP, Freeman French Freeman, Inc</i></p> <p>Learn about a systematic online approach to implementing and managing a C&D waste reduction program. Supported by an EPA grant, with the participation of a diverse stakeholder group, this presentation includes take-home templates that can be adapted to fit the needs of any institution, organization, or company.</p> <p><u>All technical levels.</u></p>	<p>Creating Capital Budgets in an Uncertain Economy</p> <p><i>Anthony Chamberas VFA, Inc.</i></p> <p>This presentation will discuss best-practices for creating capital budgets that objectively balance concerns of diverse functions while aligning with strategic business goals. Strategies for ranking and budgeting capital improvements will be presented. The presentation is intended for executives responsible for budgeting, planning and facilities management. Little technical knowledge is required.</p>

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**Presentation qualifies for HSW credit

Education Sessions

PEOPLE <i>Massachusetts Room</i>	POTPOURRI <i>Somerset/Oxford Room</i>	UTILITIES/ENERGY <i>York Room</i>
<p>Improving Your Electronic Communication: E-Mail Do's and Don'ts</p> <p><i>Michelle Frederick, American University</i></p> <p>Many organizations face constraints in capital E-mail is the most common, convenient, and potentially the most costly means of business communication today. With all this e-mail traffic, the potential for disaster is huge if you are not careful to write messages that are as safe and secure, as they are clean and clear. This session will help participants at every level in an organization avoid e-mail liabilities while creating electronic documents that are as persuasively and powerfully written, as they are risk-free.</p>	<p>Getting Answers – How to Slice and Dice Data Using Excel Pivot Tables (Session 1 of a 2 session series-- requires preregistration)</p> <p><i>Phillip Rouble, Algonquin College</i></p> <p>This hands-on workshop looks at the basics of pivot tables to slice and dice large tables of information into meaningful summary reports. Pivot tables are fast, easy to use and can yield surprising results. This workshop will be useful to anyone trying to dig answers out of tables or databases.</p> <p>Basic Microsoft Excel skills are assumed and all participants must bring a laptop with Excel.</p>	<p>Utility Master Plan-Look Back to Look Ahead</p> <p><i>Howard McKew, P.E., CPE, RDK Engineers</i></p> <p>Campus growth doesn't necessarily mean campus growth. Aggressive campus operations management can actually eliminate the need for central plant growth. While there is not a lot of documented experience on campus air conditioning capacity and system diversity, it is possible to manage the chilled water system distribution based on 45% to 65% diversity of the cooling load. The target audience is experienced facility managers responsible for central chilled water plants, as well as other operations management personnel. The discussion is based on recent campus master plan projects and energy auditing assessments.</p>
<p>From "Me" to "We": How the University of Toronto Imagined and Created a New Work Environment and Its Impact on the Institution</p> <p><i>Ron Swail, University of Toronto</i></p> <p>Faced with "expropriation", Facilities and Services/Real Estate Operations knew an imaginative and creative implementation of their new work space would be challenging. The space was substantially smaller; staff believed their space and privacy was being eroded. Hear how leadership in space design and utilization has influenced how work gets done at the University of Toronto.</p> <p><u>Intended Target Audience</u> - facilities management professionals, capital project managers, senior administrative managers</p> <p><u>Technical Complexity</u> - Beginner and beyond</p>	<p>Getting Answers – How to Slice and Dice Data Using Excel Pivot Tables (Session 2 of a 2 session series-- requires preregistration)</p> <p><i>Phil Rouble, Algonquin College</i></p> <p>See Session 6 for description</p>	<p>Geothermal's Carbon Footprint: How Hybrid Designs Can Impact Program Performance</p> <p><i>Kathleen Dorsey & Paul Ormond, Haley & Aldrich Inc.</i></p> <p>Haley & Aldrich has developed an engineering evaluation, design and modeling protocol which is used to effectively identify high-value, geothermal resource installation scenarios. The results of this rigorous protocol are used by colleges and universities to make informed go/ no-go decisions about how to take advantage of geothermal resources in conjunction with existing and planned building and central plant systems to improve carbon footprint reduction performance. Case studies of campuses using this scenario planning tool will be presented, and an example of how this process led to the implementation of multiple geothermal systems to reduce carbon footprint will be discussed in detail.</p>

Welcome to Portland



Nestled between Maine's forest-covered mountains and spectacular rugged coast is the historic and vibrant city of Portland. Maine offers unspoiled landscapes, beautiful vistas, succulent lobster, stately lighthouses, outdoor adventures, exceptional shopping, and much, much more... In the Casco Bay region of Greater Portland to Freeport you'll find it all within a 15 mile radius surrounding the state's largest city - Portland. Sure, there's more to see throughout the state of Maine, from Bar Harbor's Acadia National Park to mile-high Mt. Katahdin in Baxter State Park. But right here, in Greater Portland, you can experience a bit of what everyone's talking about, a small piece of "everything Maine." From mountains to lakes, city to country, inland to coast, nature to nightlife, welcome to Greater Portland's Casco Bay!

The Greater Portland area is the perfect getaway, boasting the cultural activities of a major metropolitan region while maintaining a small town charm. Outdoor enthusiasts will find some of the nation's finest scenic and recreational opportunities in Maine. From whitewater rafting to deep-sea or fresh water fishing, downhill or Nordic skiing, golfing, sailing, mountain climbing or biking, you may run out of time but never things to do.

Maine's fresh air creates the desire to get outdoors - to kayak in and around our many islands; to bicycle up and down the beautiful coastline; to watch the sailboats in Portland Harbor or take in the newest cutting-edge gallery opening. Enjoy an afternoon at the theater, capped off by a sunset cruise on Casco Bay. Whether history tour, art tour, culinary tour or brewery tour, Greater Portland Casco Bay has something for everyone, and everything Maine.





Sunday, October 4

Golf Outing

Sunday 6:30a.m. - 2:00p.m.

The ERAPPA 2009 Conference golf outing will be held at the Dunegrass Golf Club located in the resort community of Old Orchard Beach. Dunegrass is the Greater Portland area's premier public golf club. The more that 300 acres of idyllic coastal terrain that make up Dunegrass have been preserved and meticulously crafted into a visual feast.

You may travel by bus or drive your own vehicle from your hotel in Portland to the Dunegrass Golf Club which is about 20 minutes south of Portland. The \$100 fee includes bus ride to and from the course, greens fee, riding cart, breakfast, lunch, and prizes. The outing will be a scramble format with an 8 am. shotgun start on Sunday morning, October 4th.

Dunegrass



Sign up early to insure that you reserve an opportunity to participate in the annual golf outing.

Spouse/Guest "Ice Breaker"

Sunday 9:00a.m. - 10:00a.m.

"Prior to going on our fabulous tours, stop by the York Room, Sunday from 9 - 10 am for an ice breaking session. Here you will receive general information that will be helpful during your stay in Portland, as well as meeting other participants. Come, make new friends and enjoy wonderful Northern New England"

Portland - By Land and Sea Pre-Conference Tour

Sunday 10:00a.m. - 1:30p.m.

Maximize your sightseeing with this great combo tour! This tour includes a trolley tour of Portland and a cruise of Casco Bay. Enjoy a 90 minute fully narrated trolley tour of Portland as we travel from city streets to rocky coast. Get an



overview of the Portland peninsula's outstanding architectural and social history.

We'll even stop for a visit at Portland Head Light, Maine's 1st lighthouse - the most photographed spot east of the Mississippi. Next, no trip to Portland is complete without seeing Casco Bay. It's where the Maine coast really begins. Your 90 minute cruise leaves from Portland's busy harbor. Rocky shorelines and wooded islands. Graceful sailboats, work boats and pleasure craft. A world of summer cottages, wildflowers, hidden coves and secluded beaches. A place where time seems to stand still. And it's all just a few miles from downtown Portland. Learn the history of Casco Bay and enjoy your boxed lunch (included) as we cruise past lighthouses, forts and turn-of-the-century summer colonies. You'll see lobstermen tending to their traps, seals and sea birds.

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UNE/USM New Facilities Pre-Conference Tour

Sunday 10:00a.m. - 3:00p.m.

University of Southern Maine/
University of New England Tour

This Tour will feature numerous LEED certified buildings such as the Abromson Center, The Wishcamper Center, Osher Map Library, and Glickman Family Library at USM. We will also tour University of New England's new College of Pharmacy building, Maine's first building totally devoted to pharmacy academic studies and research, which is also LEED certified.

Freeport Outlets and L.L. Bean Shopping Trip Pre-Conference Tour

Sunday 10:00a.m. - 3:00p.m.

Freeport has become "The Shopping Mecca of the Northeast." Over 110 factory outlets quaintly line the streets of the village.

Freeport's centerpiece is world-famous LL Bean, open 24 hours a



day, 365 days a year. Cole-Haan, Brooks Brothers, and the Gap are a few of the big, name quality stores in the village.

Enjoy lunch on your own at one of the many restaurants in town and spend the afternoon shopping for bargains. Freeport has become a popular destination for value-conscious shoppers during the winter and spring months - especially around Christmas - and no trip to Maine is complete without a stop in Freeport and a visit to LL Bean. Freeport is the #1 destination in Maine.

Hall of Resources Grand Opening Reception Conference Event

Sunday 5:00p.m. - 8:00p.m.

Join us as we kick off the conference and open the Hall of Resources. We will have a tour through Northern New England as we sample culinary delights from Maine, New Hampshire and Vermont.



Monday, October 5

Homes of Portland's Golden Age Local Walking Tour

Anytime

Portland is a great walking city full of historic neighborhoods and interesting architecture. Get up close and personal - the only way to really see things.

Enjoy a docent walking tour of Portland's Golden Age (1800 - 1860): Elegant Federal mansions, Greek Revival residences, and Italianate homes grace the Portland's Golden Age Tour, which highlights the Spring Street Historic District, once home to Portland's leading merchants and entrepreneurs. Glimpse the more personal side of the city's history and architectural development as you pass sweeping church façades, magnificent residences, and fine examples of compatible 20th century design in an area which was added to the National Register of Historic Places in 1971.

Exhibit Hall Grand Opening
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Whale Watch Adventure Spouse/Guest Tour

Monday 9:45a.m. - 4:00p.m.

Just beyond Portland's quaint Old Port with its great shops and fabulous restaurants lies Casco Bay, one of the most beautiful waterways in the United States. Join Captain Dan as he sets course on a journey to view those majestic mammals in their own environment.

Enjoy a narrated tour of Portland's harbor and surrounding islands. Then, about 20 miles off the coast of Maine is a feeding ground for hungry whales. It is the perfect spot to catch a glimpse of the world's largest living creatures. Whale watching is a family friendly activity that is both educational and enjoyable. Revel in the excitement as a whale spouts a stream of water into the air or breaches the ocean's surface, crashing back to the water with a spectacular splash. While cruising in the Gulf of Maine, keep your eyes peeled for dolphins, seals and puffins too. Lunch is included on board the Odyssey with this tour.



Portland Museum of Art Spouse/Guest Local Tour

Monday 9:30a.m. - 11:30a.m.

Spend the morning at the Museum beginning with an introduction to Winslow Homer, American Master, and his pivotal role in American art. Winslow Homer spent the final two decades of his life capturing the rugged coastline of Maine. The introduction includes an hour's slide presentation/lecture in the museum's auditorium geared just for our group. Then, visit the Museum's collections of 19th and 20th-century art (on your own or with a docent) to compare Homer to other great painters including Frederic Church, John Singer Sargent, and Mary Cassatt.



House Island Lobster Bake Conference Event

Monday 4:30p.m. - 10:00p.m.

Cruise through Casco Bay to House Island, viewing magnificent Portland and the surrounding islands.

Tour House Island, originally built to defend Portland against the British. Explore the 70 gun casements, subterranean vaults, archways, tunnels, and circular stairways of this unique fort.

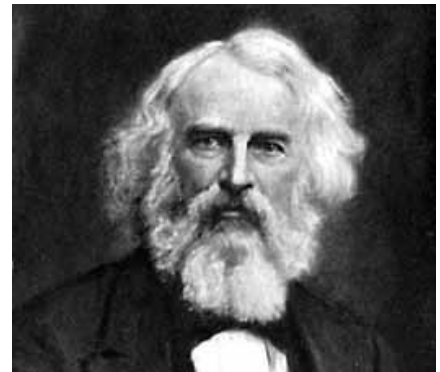
Be treated to a feast comprised of a 1 to 1 1/2 pound lobster*, clam chowder, corn on the cob, cole slaw, potato chips, and blueberry cake.

After dinner sit back and enjoy some of Maine's own entertainment.

Note: *For the non-lobster lover, chicken, steak or vegetarian options can be substituted. Gangway on/off boat is situated on an angle which varies with the

House Island Lobster Bake
Sponsored By:





tide.

Tuesday, October 5

Taste of Maine Cooking School Brunch Spouse/Guest Tour

Tuesday 9:30a.m. - 3:30p.m.

This tour is sure to be a sellout! Stonewall Kitchen is a New England success story. The business started with a passion for food, in a small home kitchen in Hampton NH. Family and friends helped bottle, label and box products to take each weekend to farmer's markets and craft fairs throughout New England. As their products became popular favorites and the company grew, they moved out of the small kitchen and into larger quarters on a farm in Kittery, Maine.

A converted barn was used for production, offices and distribution center for more than two years. Today, Stonewall Kitchen boasts over 6,000 wholesale accounts nationwide, thriving catalog and web divisions and eight company stores. Whether you're a novice or an experienced cook, we invite

you to join us on a culinary adventure. The Stonewall Kitchen Cooking School is a fun, state-of-the-art classroom and the place to be if you love to cook, love to eat or just want to have a great time. Great food, clear concise instruction in an atmosphere that is relaxed, comfortable and friendly. You'll go home with a clear understanding of how to recreate these recipes in your own kitchen, a goodie bag of Stonewall products used in the demonstration and have the opportunity to purchase the finest tools, appliances and utensils used by the chef. Stonewall's flagship Company Store is located in the same facility where you will find their complete line of specialty foods and beautiful items for your kitchen and home. Relax, learn and listen while being served a fabulous brunch.

Then, work off those calories with a shopping excursion to one of the quaintest villages in Maine, Kennebunkport. Historically a shipbuilding and fishing village, for well over a century the town has been a popular seaside tourist destination. Kennebunkport has a small district of souvenir shops, art galleries, seafood restaurants, and bed and breakfasts. Its reputation as an upscale community comes from the numerous large seaside estates along Ocean Avenue and

other coastal thoroughfares. In the summer months, many wealthy people from across the Northeast vacation in Kennebunkport and nearby Goose Rocks Beach. It is regarded as one of the most expensive vacation areas in the Northeast. During the fall, Kennebunkport is a frequent stop for tour buses showing visitors the famous New England fall colors. Dock Square, Kennebunkport and Lower Village of Kennebunk are nestled between the Kennebunk River and the ocean-"the port" being on the east side of the river and Lower Village on the west.

Longfellow Serenade Spouse/Guest Local Tour

Tuesday 9:30a.m. - 11:30a.m.

Enjoy a guided docent tour of the Longfellow House. Within its walls lived three generations of one remarkable family that made significant contributions to the political, literary, and cultural life of New England and the United States. The Wadsworth-Longfellow House is also an important architectural artifact of New England's past. Originally a two-story structure with a pitched



roof, it was the first wholly brick dwelling in Portland. Zilpah and Stephen Longfellow (Henry's parents) added a third story in 1815. The only single-family residence to survive downtown Congress Street's change from a mixed commercial and residential neighborhood on the edge of town to an urban business district, it is the oldest standing structure on the Portland peninsula. Furnishings from the three generations illustrate changes in style, technology, and attitude over the 19th century. Peleg and Elizabeth Wadsworth raised ten children in the house before retiring to the family farm in Hiram, Maine, in 1807.

A superstar in his time, Longfellow was a traveler, a linguist, and a romantic who identified with the great traditions of European literature and thought. At the same time, he was rooted in American life and history, which charged his imagination with untried themes and made him ambitious for success.

You will also visit the Maine Historical Society's museum next door to the Longfellow House.



Reception, Awards Dinner Conference Event

Tuesday 5:30p.m. - 12:00a.m.

Awards Dinner with The Bob Charest Band.

Join us as we recognize the hard work of folks in ERAPPA. Then the Bob Charest Band which has been voted "Best Maine Band" numerous times will entertain one and all.

Awards Banquet Reception Hosted by:



Awards Banquet Entertainment Sponsored by:



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Wednesday, October 6

Back Cove Fun Run Conference Event

Tuesday 7:00a.m. - 8:00a.m.

This traditional event will take place around scenic Back Cove, the 3.5 mile loop is relatively flat, which should prove to be inviting to runners/walkers of all abilities. Transportation to Back Cove and back to the hotel will be available with flexibility to allow runners to wind through Portland on their own if they choose on Portland's trail system.

Awards Banquet Wine Hosted by:



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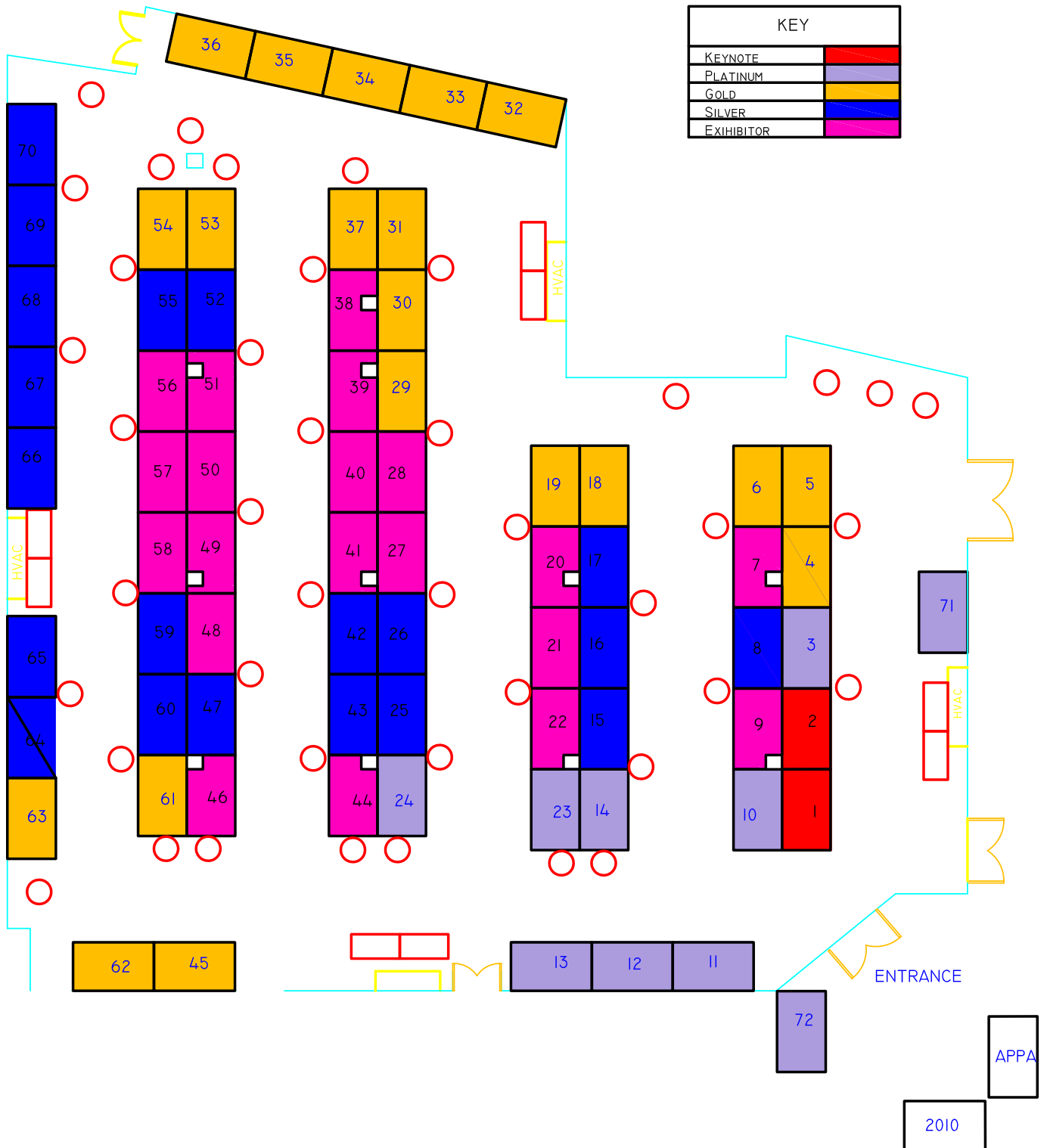
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- 29 Kullman
- 30 Cathedral Stone Products
- 31 EnerNOC, Inc.
- 32 CDM
- 33 Lutron Electronics
- 34 EYP/Architecture & Engineering
- 35 TO BE ASSIGNED
- 36 Rist-Frost-Shumway Engineering

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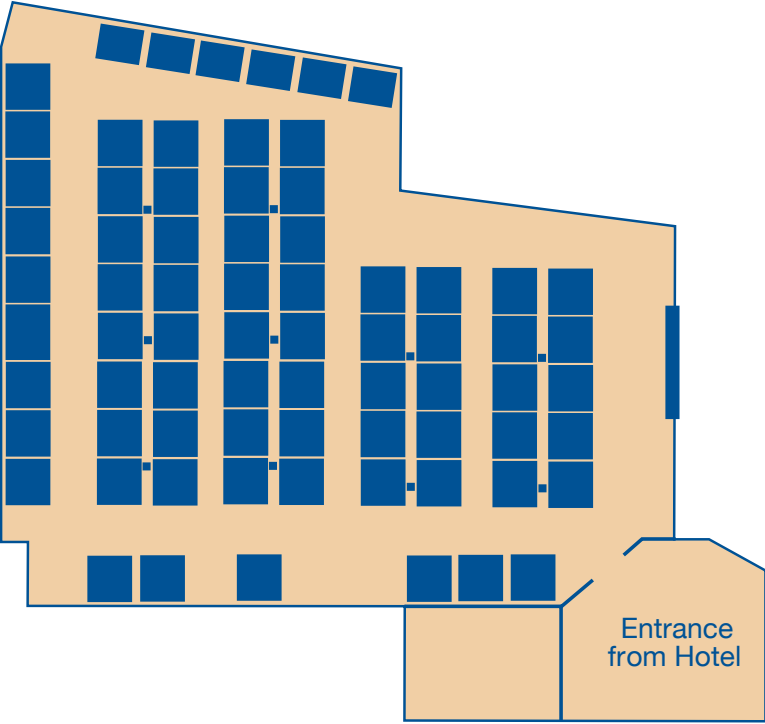
- 37 Brisk Waterproofing Company
- 38 Clean-O-Rama
- 39 The Scott Lawson Group
- 40 Entech Engineering, Inc.
- 41 Tunstall Associates
- 42 Richard White Sons
- 43 Aircuity, Inc.
- 44 Solid Waste Solutions
- 45 Consigli Construction Co., Inc.
- 46 SW Cole
- 47 Spirotherm, Inc.
- 48 Building Envelope Consultants LLC
- 49 Nalco Company
- 50 Erland Construction
- 51 Conservation Solutions Corp.
- 52 Hillyard Industries
- 53 Control Technologies, Inc.
- 54 Stuart Dean Company, Inc.
- 55 Janitronics Inc.
- 56 Environmental Health & Engineering
- 57 C & S Companies
- 58 North Branch Construction
- 59 Sebesta Blomberg
- 60 Hoffmann Architects
- 61 Beaulieu Commercial
- 62 McDonough Bolyard Peck
- 63 Facility Engineering Associates, PC
- 64 Belimo
- 65 Northeast Energy Systems
- 66 KBE Building Corporation
- 67 Stantec
- 68 Parsons Brinckerhoff
- 69 FW Webb
- 70 TDiversified Woodcrafts
- 71 Mitsubishi Electric & Electronics USA, Inc.
- 72 Kimball Sales

Exhibit Hall Map

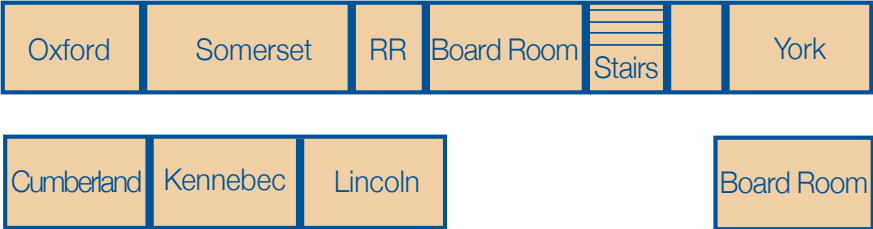
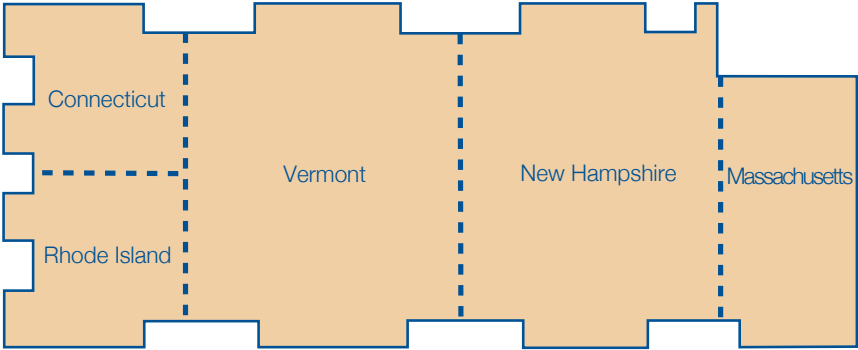


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State of Maine Grand Ball Room / Second Floor



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