

OWEA ANNUAL FULL CONFERENCE SCHEDULE

2012

SUNDAY, JUNE 17

6:30 p - 9:30 p Executive Committee MeetingPresident's Board Room

MONDAY, JUNE 18

10:00 a - 6:00 p Golf OutingGrantwood Golf Course
4:00 p - 9:00 p RegistrationThe Bertram Inn Atrium
5:00 p - 9:00 p Exhibitor SetupMcKinley/Grant Ballrooms
7:30 p - 10:00 p Jones & Henry Movie Night *Caddyshack*Amphitheater

TUESDAY, JUNE 19

7:00 a - 5:00 p RegistrationThe Bertram Inn Atrium
7:00 a - 10:00 a Exhibitor SetupMcKinley/Grant Ballrooms
8:30 a - 9:30 a OWEA Annual Business MeetingHayes Prefunction Area
9:30 a - 11:30 a Awards BreakfastHayes Ballroom
9:30 a - 11:30 a Exhibitor BreakfastThe Leopard
11:30 a - 5:00 p Exhibit Expo OpenMcKinley/Grant Ballrooms
12:00 p - 4:30 p Spouse/Guest ProgramGazebo
12:00 p - 4:00 p Exhibit Tours and Plant TourExhibit Hall/Solon WRF
12:00 p - 4:00 p Exhibitor & Tuesday Technical SessionsAmphitheater
12:30 p - 2:30 p Lunch in Exhibit HallMcKinley/Grant Ballrooms
4:00 p - 5:00 p Brown & Caldwell Exhibitor ReceptionMcKinley/Grant Ballrooms
5:00 p - 6:00 p Exhibit Tear DownMcKinley/Grant Ballrooms
6:00 p - 10:30 p CT Consultants Meet & GreetHayes Ballroom/Prefunction

Wednesday, June 20

7:00 a - 5:00 p RegistrationThe Bertram Inn Atrium
7:00 a - 9:00 a Stantec BreakfastHayes Ballroom
8:00 a - 11:45 a Technical Sessions (5 Tracks)McKinley A, B, & C
Grant Ballroom, Amphitheater
9:00 a - 4:30 p Spouse/Guest ProgramTrip to Chagrin Falls
11:45 a - 1:00 p LunchHayes Ballroom
11:45 a - 1:00 p President's Luncheon (by invitation)Patio by Hayes Ballroom
1:00 p - 4:45 p Technical Sessions (5 Tracks)McKinley A, B, & C
Grant Ballroom, Amphitheater
6:00 p - 7:00 p Social ReceptionHayes Prefunction
7:00 p - 9:30 p Annual Banquet & 5S InductionHayes Ballroom
9:30 p - 10:30 p After Gathering, Dessert, & MusicHayes Ballroom

Thursday, June 21

7:00 a - 11:00 a RegistrationThe Bertram Inn Atrium
7:00 a - 9:00 a Stantec BreakfastThe Leopard
7:00 a - 8:00 a Jones & Henry 5S BreakfastGazebo/Hayes Prefunction
8:00 a - 11:45 a Technical Sessions (5 Tracks)McKinley A & C, Hayes AB
Grant Ballroom, Amphitheater

Room	AMPHITHEATER	
Track	YP Papers & Exhibitor Papers	
Time	Moderator: Nick Bucurel	Monitor: Kris Ruggles
12:00 - 12:30	Easterly Tunnel Dewatering Pump Station - Michael Ritossa	
12:30 - 1:00	Nitrate Analyzers, Supplemental Carbon Addition and Treatment Plant Modeling Improves Nitrogen Removal - Mark Strahota & Will Martin	
1:00 - 1:45	Water Quality Issues in Lake Erie - Ken Krieger	
1:45 - 2:15	Weatherford (Odor Control in Collections) - Bill Hyland	
2:15 - 2:45	Alloway (Industrial Waste Sampling) - John Hoffman	
2:45 - 3:15	OVIVO (MBR Systems Can Achieve Ultra-Low TP with Simplified Flow Schematics) - Steve Berggruen	
3:15 - 3:45	WWETCO (Bio-Filtration for Dry Weather Energy Reduction and Excess Flow Wet Weather Treatment) - Mark Boner	
3:45 - 4:15	Calgon (Development Challenges and Validation of High Efficiency UV Unit) - Wayne Emery	

Exhibitor Tours - Sign Up at the Registration Desk

Exhibitor Tour #1 at 1:00 – 2:00 pm and 2:30 – 3:30 pm

Enviroscience Bioassays & NPDES
 Ohio RCAP What is RCAP?
 Kemira Water Phosphorus Removal, H2S Control Using Iron Salts
 Alloway Labs Method Detection Limits

Exhibitor Tour #2 at 12:30 – 1:30 pm and 2:00 – 3:00 pm

CTI Engineers, Inc Sewer Rehabilitation - A Silver Lining for the Village of Silver Lake
 YSI Optical DO and Wastewater Analysis
 Boerger Pumps The Right Pump for the Right Job
 JGM Valve Innovative Mixing with Aeration at Mt Gilead WWTP

Exhibitor Tour #3 at 12:00 - 1:00 pm and 1:30 - 2:30 pm

Calgon Carbon UV Disinfection 101
 OVIVO MBR Cleaning Techniques
 WWETCO Evolution of Compressed Media Filtration
 Thermal Process Systems ATAD Theory & Operations

Tour City of Solon WRF - Sign Up at the Registration Desk

Tours Between 12:00 – 4:00 pm

Stop by Registration Desk for details and times.

WEDNESDAY MORNING TECHNICAL SESSIONS

2012

TIME	AMPHITHEATER	MCKINLEY A	MCKINLEY C	GRANT BALLROOM	MCKINLEY B
Track	Green / Innovative / Sustainability	Operations	Collections	Residuals	Laboratory
	Moderator: Mark Liven-good Monitor: Cindy Jacobsen	Moderator: Lance Willard Monitor: Tom Voldrich	Moderator: Ed Haller Monitor: Bob Hollis	Moderator: Mile Welke Monitor: Keith Folman	Moderator: Denise Seaman Monitor: Elizabeth Wick
8:00 - 8:45	Leveraging Energy Audits to Effect Long Term Energy Savings and Cultural Changes <i>Rich Atoulikian, PMP, PE & Kimberly Kennedy, PE</i>	Designing & Operating the Wastewater Treatment Plant of the Future Will Require a Paradigm Shift <i>Samuel Jeyanayagam, PhD, PE, BCEE</i>	Basic Mechanisms of Corrosion and Corrosion Control for Water and Wastewater Systems <i>Graham E. C. Bell, PhD, PE</i>	MBR Activated Sludge Truths: The Real Information Concerning the O&M Associated with MBR Activated Sludge <i>Ashley Williston & Terry Gellner, PE</i>	Choosing a Contract Laboratory <i>Kathy Richards</i>
8:45 - 9:00 Break					
9:00 - 9:45	The Challenge of Integrating Sustainability Concepts into Decision-Making Is Overcome Through the Use of Sustainable Return on Investment <i>Christopher Behr</i>	Full Scale Testing to Demonstrate Anaerobic Selector Effect for Low Strength Wastewater <i>Don Esping & Bob Hrusovsky</i>	Clean Your Pipes, Einstein! Why Cleaning Your Sewers Provides Substantial Returns <i>John P. Schroeder, PE, BCEE & C. Timothy Fallara, PE</i>	Innovative Techniques for Handling High Phosphorus and Solids Loading Within an Enhanced Nutrient Removal <i>Edward R. Talbot</i>	Chlorophyll Analysis <i>Dennis Hanson</i>
9:45 - 10:00 Break					
10:00 - 10:45	Warren's Hydroelectric Project: Turning Wastewater to Electricity <i>Deborah Houdehell, PE & Tom Angelo</i>	Development of Process Models for Planning, Design, AND Operation <i>Jamie Gellner & Tom Kutcher</i>	Progressive Solutions for a Historic Watershed <i>Brad Clark & Cliff Shrive</i>	Arkea: A Green Technology for Wastewater Treatment, Residuals Management, and Pathogen Reduction <i>Michael Gerardi & Steve Owens, PE</i>	The Automation of Solid Phase Extraction (SPE) for Method 1664 <i>David Smith</i>
10:45 - 11:00 Break					
11:00 - 11:45	Energy Audits and Case Studies in Wastewater Treatment <i>Sam Morgan & Terry Gellner, PE</i>	Implementing Compressible Media Filtration for Springfield's Wet Weather Management Program <i>Bob O'Bryan & Tim Weaver</i>	Continuous Calibration Promises Significant Savings in Meeting Wet Weather Compliance Requirements <i>Anil Tangirala, PE, C. Timothy Fallara, PE, & Limei Yang, PhD</i>	Class A Biosolids Produced with Closed Alkaline Process <i>Eric Wanstrom</i>	Bioassay 101: Everything You Need to Know About Bioassay Testing <i>Jessica Anderson</i>

11:45 am - 1:00 pm

Lunch in the Hayes Ballroom

Notes:

WEDNESDAY AFTERNOON TECHNICAL SESSIONS

2012

TIME	AMPHITHEATER	McKINLEY A	McKINLEY C	GRANT BALL-ROOM	McKINLEY B
Track	Green / Innovative / Sustainability	Nutrient Removal	Collections Case Studies	Residuals Dewatering	Management
	Moderator: Gary Johnson Monitor: Michael Seluga	Moderator: Deb Houdehell Monitor: Paul Solanics	Moderator: Dan Johnson Monitor: Bob Stahl	Moderator: Jamie Gellner Monitor: Ed Russ	Moderator: Bob Hrusovsky Monitor: Kathy Richards
1:00 - 1:45	Rebuilding Neighborhoods Using Green Infrastructure David Clark, PE	Nutrient Removal - Adapting the Approach for High Influent TP and Fixed-Film Treatment William Meinert, PE & Richard Reed, PE	Indianapolis Deep Tunnel Surge Analysis: Debugging Future Operational Issues in the Present Karen Ridgeway & Chris Ranck, PE, BCEE, D.WRE	Dewatering Case Study of Rotary Fan Press Verses Screw Press Kyle Novak & Tim Pringle	Survival Skills For Supervisors: 7 Personal Behaviors to Help Supervisors Robert Hollis
1:45 - 2:00 Break					
2:00 - 2:45	Is Green Infrastructure Really the Answer? It Depends on the Question Josh Reinicke, PE & Marc Lehmann, PE	Paradigm Shift in Phosphorus Removal From WWTPs Steven Reese	Effective SSO Elimination - "Indian Lake is a Beautiful Place" ... AGAIN... 'Mac' McCauley, PE & Keith Radick	Understanding the Capability of Solar Sludge Drying for Large Treatment Facilities Michael Hill	Separating the Forest From the Trees: The Use of GIS Decision Tools to Make Asset Decisions Marc Lehmann, PE & Rod Moeller, PE
2:45 - 3:00 Break					
3:00 - 3:45	The Application of UV Oxidation for Treating Wastewater to Drinking Water Standards for Sustainable Water Reuse Applications Terry Keep	Phosphorus Removal - Chemical Versus Biological Methods Mark Greene	Step-wise Approach to Piqua's SSO Removal Jeff Macomber	Evaluation of Dewatering Technologies for 4 WWTP Nutrient Reduction Projects: BFP, Centrifuge, Rotary Fan Press, and Inclined Screw Press Edward R. Talbot	Decentralized Treatment of Sewage Water Dennis Nafus
3:45 - 4:00 Break					
4:00 - 4:45	Aeration System Optimization Can Offer the Greatest Long-Term Costs and Carbon Footprint Savings Rich Atoulikian, PMP, PE	An Overview of Sidestream Treatment Alternatives Used to Increase Nutrient Removal Tony Farina	Constructed Wetlands: How a Small City Saved BIG Bucks on Its CSO Program Mark Harrison, PE & Lenin Kasthuri, EIT	3 Years Experience with the Urbana Microwave Sludge Drying System Dave Stewart	Performance & Economic Improvement in Vapor Adsorbers Using Structured Activated Carbon Media Paula Walmet, PhD & John Perry, PhD

Notes:

THURSDAY MORNING TECHNICAL SESSIONS

2012

TIME	MCKINLEY A	GRANT BALL-ROOM	AMPHITHEATER	HAYES AB	MCKINLEY C
Track	Government Affairs	Potpourri	CSO	Collections	Storm Water
	Moderator: Doug Clark Monitor: Jane Winkler	Moderator: Brad Lowery Monitor: Art Kimpton	Moderator: Brian Gresser Monitor: Denise Seman	Moderator: Jim Borton Monitor: Kim Riddell	Moderator: Keith Riley Monitor: Bob Stahl
8:00 - 8:45	The Benefits of Meeting with Washington D.C.: A Fly-In with AWWA, WEF, and OWEA Dale Kocarek	Landfill Leachate Pretreatment Process Evaluation & Pilot Study Richard Claus & Dan Miklos	Using a Sustainable Watershed-Based Approach for CSO Control in the Doan Brook Watershed Stephanie Glossner, PE & Kellie Rotunno, PE	Corrosive Technologies to Assess Condition of Force Mains James T. Lary	LID Developers and Builders Perspective of SWM Neil Myers & Vinnie Tremante
8:45 - 9:00 Break					
9:00 - 9:45	The New Direction of OWEA's Government Affairs Committee Dale Kocarek	Using Alternative Delivery for Municipal Water & Wastewater Projects in 2012 Dennis Tinkler, PE	Innovative Design for CSO Control & Treatment Kurt Giberson & Saad Ghalib	Minimizing Objectivity in the Assessment of Pipes, Manholes, and Laterals Brandon Conley	Lessons Learned in Developing an Inventory of Storm Sewer Systems Mike Ellerbrock
9:45 - 10:00 Break					
10:00 - 10:45	Indianapolis Consent Decree Amendment #2: Technical Basis for Regulatory Agreement Chris Ranck, PE, BCEE, D.WRE	Benefits of Hydraulic Model Development at MSDGC WWTPs Will Martin & Tom Kutcher	Defiance CSO Program: Cost Effective Sewer Separation & Private Property Strategies (Part 1) Michael Frommer, PE & Mark Lehnert	Effective Development & Analysis of Alternative Strategies for Sanitary Sewer System Improvements Derek Wride & Mandeera Wagle	The Use of Scent Trained Canines for Illicit Discharge Detection Scott & Karen Reynolds
10:45 - 11:00 Break					
11:00 - 11:45	Ohio EPA Regulatory Update George Elmaraghy	The 3 Cs – Climate / Carbon / Credits in Wastewater Treatment: How Communities Can Benefit from Green Projects Terry M. Gellner, PE	Defiance CSO Program: Cost Effective Sewer Separation & Private Property Strategies (Part 2) Michael Frommer, PE & Mark Lehnert	Old Pipe / Renewed Pipe - How New Technology Enhances the Rehabilitation of a 140-Year-Old Sewer Chuck Wilson, PE & Sean FitzGerald, PE	Performance Evaluation of Blue Roofs to Mitigate CSO Impacts Sri Rangarajan, William Leo, Nitin Katiyar & Kevin Fitzpatrick

Notes:

2012

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OWEA ANNUAL CONFERENCE EXHIBITOR LISTING

2012

BOOTH NUMBER LISTING

001	Allied Pump Rentals
002	CTI Engineers Inc.
003	O'Brien & Gere
004	Duke's Root Control, Inc.
005	The Bergren Associates, Inc.
006	Advance Instruments, Inc.
007	OTT North America
101	Aqua-Aerobic Systems, Inc.
102	HydroDynamics Company
103	Environmental Express
104	Gilson Engineering Sales
105	Pelton Environmental
106	Trojan Technologies
202	Northeast Ohio Regional Sewer District
203	E-Tank, Ltd.
204	YSI, Inc.
205	Spectrashield Liner Systems
206	FlowWorks.com
207	Weatherford
302	Sullivan Environmental Tech. Inc.
303	Hamilton Kent LLC
304	Hach Company
305	Daman Superior
306	Ford Hall Company
307	OVIVO
401	JGM Valve Corp.
402	WWETCO/WesTech Engineering Inc.
403	Process Control Services
404	Source 1 Environmental
405	Buckeye Pumps Inc.
406	Enviroscience Inc.
501	Smith Environmental Inc.
502	Thermal Process Systems
503	Boerger, LLC
504	Logan Clay Products
505	AIRVAC, Inc.
506	RW Armstrong
602	Xylem Water Solutions Flygt Products
603	ADS Environmental Services
604	E & I Corporation
605	MASI Environmental Labs
606	Natgun Corporation (Div of DN Tanks)
701	HOBAS Pipe USA
702	GRW Engineers, Inc.
703	Kemira
704	BissNuss, Inc.
705	Alloway
706	ArchaeaSolutions Inc.
801	Southern Sales Company, Inc.
802	USALCO, LLC
803	Infrastructure Technologies
804	Carrig & Associates, Inc.
805	Jacobs Associates
901	Orenco Systems, Inc.
902	Ohio WARN
903	Ohio RCAP
904	Bio-Systems International
905	Integrity Aquatic, LLC
906	Layne Inilner, LLC
907	USABlueBook
908	PESCO Pumps LLC
A	Waterworks Systems & Equipment, Inc.
B	Williams Creek Consulting, Inc.
C	M Tech Company
D	Aulick Chemical Solutions, Inc.
E	SCADATech, LLC
F	Jack Doheny Supplies Ohio, Inc.
G	Doetsch Environmental Services
I	Calgon Carbon-UV
J	Akron Electric Inc.
K	Perma-Liner Industries, Inc.
L	Rockwell Automation
M	Energy Systems Group
N	International Valve Marketing, LLC
O	Hanson Pressure Pipe

ALPHABETICAL LISTING

ADS Environmental Services	603
Advance Instruments, Inc.	006
AIRVAC, Inc.	505
Akron Electric Inc.	J
Orenco Systems, Inc.	001
Alloway	705
Aqua-Aerobic Systems, Inc.	101
ArchaeaSolutions Inc.	706
Aulick Chemical Solutions, Inc.	D
Bio-Systems International	904
BissNuss, Inc.	704
Boerger, LLC	503
Buckeye Pumps Inc.	405
Calgon Carbon-UV	I
Carrig & Associates, Inc.	804
CTI Engineers Inc.	002/003
Daman Superior	305
Doetsch Environmental Services	G
Duke's Root Control, Inc.	004
E & I Corporation	604
Energy Systems Group	M
Environmental Express	103
Enviroscience Inc.	406
E-Tank, Ltd.	203
FlowWorks.com	206
Ford Hall Company	306
Gilson Engineering Sales	104
GRW Engineers, Inc.	702
Hach Company	304
Hamilton Kent LLC	303
Hanson Pressure Pipe	O
HOBAS Pipe USA	701
HydroDynamics Company	102
Infrastructure Technologies	803
Integrity Aquatic, LLC	905
International Valve Marketing, LLC	N
Jacobs Associates	805
Jack Doheny Supplies Ohio, Inc.	F
JGM Valve Corp.	401
Kemira	703
Layne Inilner, LLC	906
Logan Clay Products	504
M Tech Company	C
MASI Environmental Labs	605
Natgun Corporation (Div of DN Tanks)	606
Northeast Ohio Regional Sewer District	202
O'Brien & Gere	003
Ohio RCAP	903
Ohio WARN	902
Orenco Systems, Inc.	901
OTT North America	007
OVIVO	307
Pelton Environmental	105
Perma-Liner Industries, Inc.	K
PESCO Pumps LLC	908
Process Control Services	403
Rockwell Automation	L
RW Armstrong	506
SCADATech, LLC	E
Smith Environmental Inc.	501
Source 1 Environmental	404
Southern Sales Company, Inc.	801
Spectrashield Liner Systems	205
Sullivan Environmental Tech. Inc.	302
The Bergren Associates, Inc.	005
Thermal Process Systems	502
Trojan Technologies	106
USABlueBook	907
USALCO, LLC	802
Waterworks Systems & Equipment, Inc.	A
Weatherford	207
Williams Creek Consulting, Inc.	B
WWETCO/WesTech Engineering Inc.	402
Xylem Water Solutions Flygt Products	602
YSI, Inc.	204

OWEA ANNUAL EXHIBIT EXPO & BERTRAM LAYOUT

2012

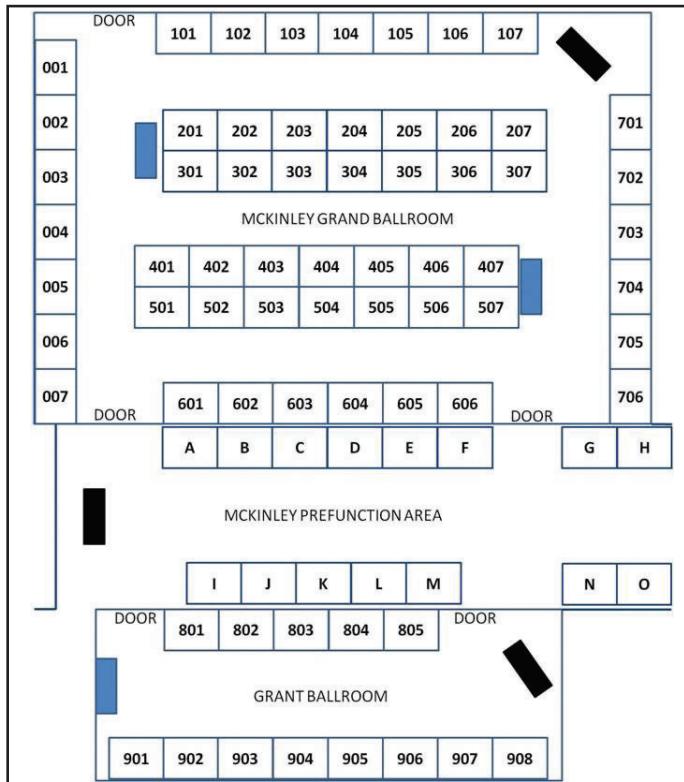
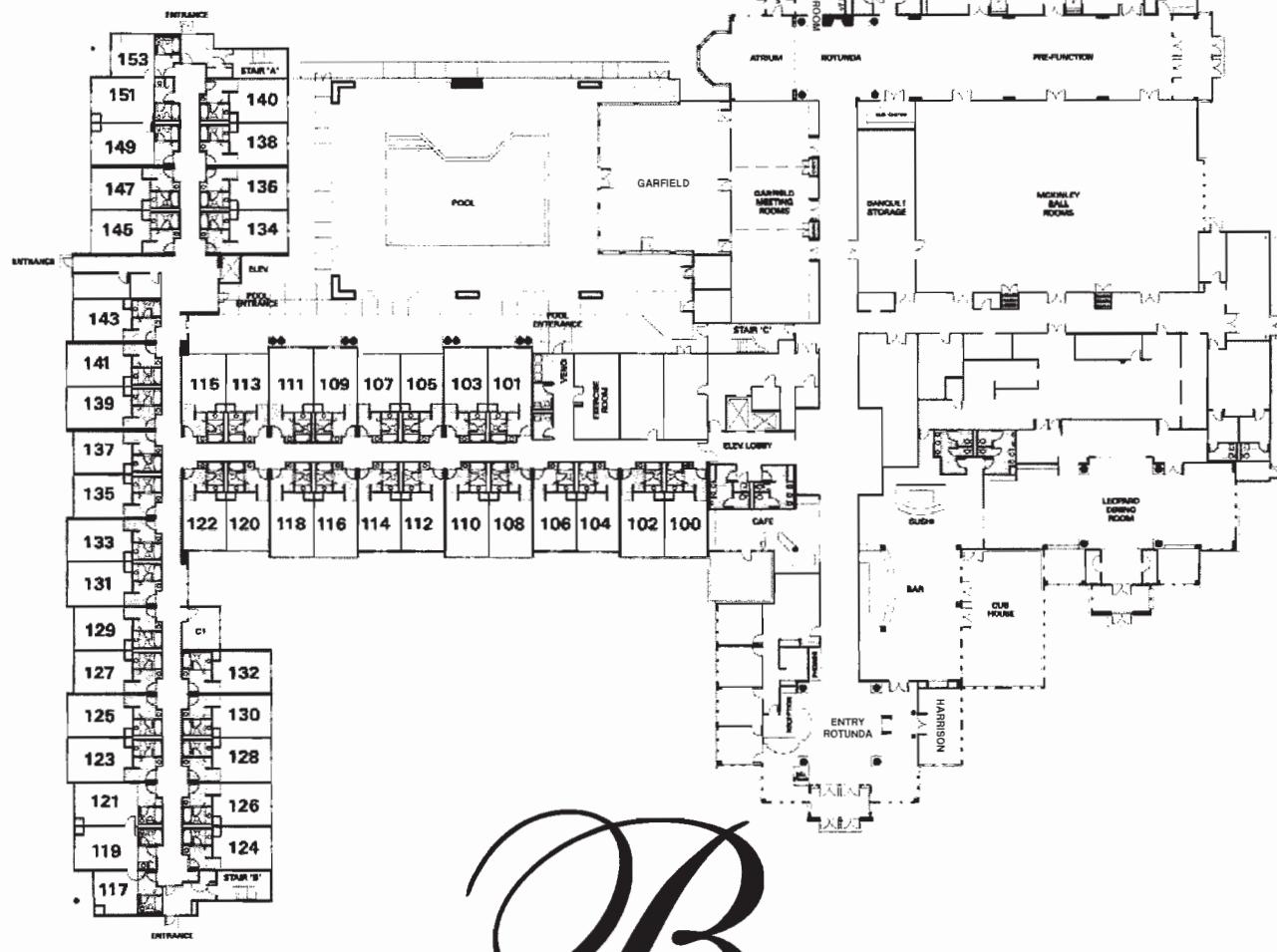


Exhibit Expo Tuesday, June 19th

11:30 a - 5:00 p Exhibit Expo Open
12:30 p - 2:30 p Lunch in Exhibit Hall
4:00 p - 5:00 p Exhibitor Reception

Floor Plan



B

OWEA ANNUAL CONFERENCE FLOOR PLANS

2012

