

2023

Jan 3	NO MEETING	Recovery from New Years Day Celebration
Jan 9	Hunter Hydus, TVA	Overview of TVA's Integrated Resource Planning PDH
Jan 16	No Meeting	Martin Luther King Holiday
Jan 23	President Ryan Groves P.E.	State of the Club
Jan 24	Annual Board Meeting - 5:30 pm	via Zoom Click HERE to Join
Jan 30	John Heard P.E. - Brent Tippey P.E. HDR Engineering	Overview of the MLGW Water Production System Assessment Project PDH
Feb 6	Stephen Edwards P.E. TREKK Design	Redesign of I-70 Between Downtown Kansas City and Arrowhead Stadium PDH
Feb 13	Michael Rebick P.E. WSP	TDOT/Vanderbilt I-24 MOTION PDH
Feb 15	Doug Mcowen MLGW President and CEO	Engineers' Week Kickoff Luncheon 12:00 PM MLGW Training Center, 4949 Raleigh LaGrange Rd, Memphis, Tenn
Feb 20	No Meeting	Presidents Day Holiday
Feb 27	Dylan Vatter P.E. WSP	MATA Wheel Inspection Program PDH
Feb 28	Board Meeting - 5:30 pm	via Zoom Click HERE to Join
Mar 6	Brad Holland and Dr. Bill Hamilton Barge Design	M.C. Stiles Wastewater Treatment Plant Solid Waste Disposal Upgrade PDH
Mar 13	Caitlan Moffitt - TVA	TVA's On-going Efforts in Advanced Nuclear Power Technology PDH
Mar 20	Lisa Taylor Director of the WASP Museum	The WASPs
Mar 27	Phil Fentress	MLGW Substation 101 PDH
Mar 28	Board Meeting - 5:30 pm	via Zoom Click HERE to Join
Apr 3	Dr. Okenwa Benjamin Dean of Engineering U of M	Discussion of his Research and Vision for the Herff Collage of Engineering PDH
Apr 10	Tom Stoll P.E.	Connected Emergency Lighting PDH
Apr 17	Bruce Popp FedEx Manager of Aircraft Engineering	MD11 and B777 Cargo Fire Suppression System PDH

Apr 24	Col Ben Bennett Wilmington (SC) District Engineer	Puerto Rico's Power Stabilization System PDH Joint meeting with SAME
Apr 25	Board Meeting - 5:30 pm	via Zoom Click HERE to Join
May 1	Jared Ware Railroad Commission of Texas	Creation of the Critical Infrastructure Division PDH
May 8	Brittany Bennett and Jeff Chapman Burns and McDonald	Arc Flash PDH
May 15	John Corrum Cleveland Utilities	Safety Culture PDH
May 22	Paul Darr Barge Design	City Walk Birmingham: Reconnecting Neighborhoods PDH
May 23	Board Meeting - 5:30 pm	via Zoom Click HERE to Join
May 29	No Meeting	Memorial Day
June 5	Anton Schmieman	Taking the U.S. Navy's Largest Unmanned Surface Vessel To Sea PDH
June 12	Bill Weppner Retired USAF/NASA Engineer	NASA Artemis Moon Mission both PDH both the recent uncrewed mission and the upcoming crewed lunar mission
June 19	Juneteenth Holiday	No Meeting
June 26	Dave Wottle Hybrid Meeting: on line & MLGW Training Center 4949 Raleigh LaGrange Rd	Won the 800-meter race in the 1972 Munich Olympics after starting dead last He will discuss both the race and his Olympic experience
June 27	Board Meeting - 5:30 pm	via Zoom Click HERE to Join
July 3	No Meeting	Pre-Fourth of July Preparation
July 10	Keith Cole Wolf River Conservancy	An Introduction to the Wolf River Conservancy PDH
July 17	Wilber Fletchrt - MLGW	MLGW Update PDH
July 24	Sarah Houston Protect our Aquifer	Comparing Water Crises: Flint, Jackson & Memphis PDH
July 31	Col. Art Benjamin, USAF) Retired and former Test Pilot	Development of the F-111 Aardvark Supersonic Multirole Combat Aircraft PDH
July 25	Board Meeting	NO MEETING this month

Aug 7	Stephen Craven, PhD,PE Electrical Engineer and Network Specialist TVA	Cybersecurity of Operational Technology Systems PDH
Aug 14	Kel Kearns Plant Manager for Ford Electrical Center	Blue Oval City - An Electrifying Future PDH
Aug 21	Laura Amini New Technology Support Manager at TVA	The Southeast Hydrogen Hub PDH
Aug 22	Board Meeting - 5:30 pm	via Zoom Click HERE to Join
Aug 28	David DeLaoch, PE Senior Program Manager with TVA	TVA's Commissioning of Operational Experience with Solar Generation PDH
Sep 4	No Meeting	Labor Day
Sep 11	Mike Ellicott P.E.	Ordinary Americans on an Extraordinary Day PDH In-Person/Virtual Meeting at EnSafe, 5724 Summertrees Dr, Memphis
Sep 18	Summer Ash National Radio Astronomy Observatory	Very Large array: 28 Telescopes in Western New Mexico PDH
Sep 25	Dan Tibbs, TVA's VP of Project, Field and Partner Services	TVA Transformation PDH
Sep 26	Board Meeting - 5:30 pm	via Zoom Click HERE to Join
Oct 2	Scott Schoefernacker	Germantown and Lessons Learned - Advocacy Perspective PDH
Oct 9	No Meeting	Columbus Day
Oct 16	Dr. Stephanie Ivey	Building the Next Gen STEM Workforce PDH
Oct 23	Susan Golden	Memphis Sports and Event Center at Liberty Park PDH
Oct 24	Board Meeting - 5:30 pm	via Zoom Click HERE to Join
Oct 30	Jake Storz	Memphis District Regional Channel Improvement Program PDH
Nov 6	Robert Palmisano	Personal and Family Preparedness PDH
Nov 13	Josh Ezell	Replacing Copper with Fiber: A Real-World Example at the Blue Oval Substation PDH
Nov 20	No meeting	Happy Thanksgiving
Nov 27	Doyle Totty	Case Study of Generator Back feed during Storm Restoration. PDH
Dec 4	Multiple	Grant Winner Presentations PDH

Dec 11	Dr. Dennis Truax, PE	Annual Ethics Lecture PDH
Dec 18	Robert Kuhlo	Program to procure and install small water purification systems in remote Guatemalan villages. PDH
Dec 25	No meeting	Merry Christmas

2022

Jan 3	NO MEETING	Recovery from New Years Day Celebration
Jan 10	Mr. Duncan Adrian, P.E.	Geotechnical Exploration and Site-Specific Seismic Study - North Memphis Amazon Fulfillment Center PDH
Jan 17	NO MEETING	Dr. Martin Luther King Jr. Holiday
Jan 24	ECM Officers & Chairmen	ECM Annual Meeting - Reports from Officers and Committee Chairs New Directors take Office
Jan 25	ANNUAL BOARD MEETING	Prepare for New Year - Monthly Program Chairmen selection via Zoom Click HERE to Join
Jan 31	Dr. Anna Saindon P.E., R.G., Ph.D. Senior Project Manager	Basics of Safely Closing Coal Ash Ponds PDH
Feb 7	Zach Thomason Holbrook Asphalt	Gain the Maximum Pavement Life PDH
Feb 14	Craig Christenbury, PE Chris Hill Construction Company	Wolf River Section 14A with Cable Stay Bridge PDH
Feb 16	Engineers' Week Kickoff Jerry Collins P.E. Ret. Pres. & CEO MLG&W	The Engineers' Role in Infrastructure via Zoom Click HERE to Join
Feb 21	No Meeting	Presidents Day
Feb 22	Board Meeting - 5:30 pm	via Zoom
Feb 28	Michael Gates with Godwin Xylem Dewatering Solutions	Innovative Bypass Pumping PDH
Mar 7	Dr. Lui Lin, PhD Christian Brothers University	Nano Aeration and Green Technology for Iron and Pollutant Removal in Groundwater Treatment PDH [PowerPoint]
Mar 14	Keith Potter-Stephanie Singleton Silt Saver	Balancing Structural Integrity, Stormwater Release and Sediment Retention PDH
Mar 21	Nick Smith, PE - MLGW	MLGW Grid Modernization PDH
Mar 22	Board Meeting - 5:30 pm	via Zoom Click HERE to Join
Mar 28	John Lancaster PE	MATA Electric Bus Conversion Project PDH

Apr 4	Jerry Harrell	LED Lighting, Understanding Solid State Lighting through Sense and Simplicity PDH
Apr 11	Susan Golden President of brg3s	Story of the New Shelby County Health Department facility PDH
Apr 18	Dr. Stephanie Ivey Department of Civil Engineering at University of Memphis	New Approaches in Transportation Planning: Strategies for Enhancing Community Livability PDH
Apr 25	Sara Houston Executive Director of Protect Our Aquifer	Megasite Growth and the Memphis Sand Aquifer PDH
Apr 26	Board Meeting - 5:30 pm	via Zoom Click HERE to Join
May 2	David Maddox - Architect	Renovating Manhattan's Historic Trinity Church PDH
May 9	Col Mike Ellicott	Race for the Sky: Building America's Tallest Skyscrapers PDH
May 16	Ms. Stacy Cantrell VP Engineering at Huntsville Utilities	Building the Fiber network in a thriving Urban Community PDH
May 23	Col Mike Ellicott	The Building of the Pentagon - the World's Largest Office Building PDH
May 24	Board Meeting - 5:30 pm	via Zoom Click HERE to Join
May 30	NO MEETING	MEMORIAL DAY
June 6	Mike Ellicott	Battle of Midway PDH
June 13	Jerry Collins. P.E.	Engineering Ethics PDH [PowerPoint]
June 20	Joint Meeting SAME - ECM	249th Engineer Prime Power Battalion PDH
June 27	Mark Brown - Sterling Ultracold	Sterling cycle engine: Applications in health care today PDH
June 28	Board Meeting - 5:30 pm	via Zoom Click HERE to Join
July 4	Holiday	4th of July - Independence Day
July 11	Brian Sullivan - FedEx Pilot FedEx Boeing 777 Captain	History of Transoceanic Flight PDH
July 18	Brian Sullivan (See Above)	ETOPS: Extended Twin-Engine Operations Performance Standards PDH
July 25	Bill Weppner	We're going back! Apollo and Artemis – a comparison
July 26	NO Board Meeting	Holiday for the Board

Aug 1	Timothy L. Smith, TVA,	Power Quality PDH
Aug 8	Dr. Rick Sweigart PE University of Memphis	ABET PDH
Aug 15	Paul Young Downtown Memphis Commission	Downtown Development PDH
Aug 22	Rodney Cleek, P.E. and Frank Fletcher P.E. Memphis Light Gas & Water	MLGW RFP PDH>
Aug 23	Board Meeting - 5:30 pm	via Zoom Click HERE to Join
Aug 29	Renee Stoll, P.E. Senior Relay Engineer-Fisher Arnold	Substation Protection PDH
Sept 5	No Meeting	Labor Day
Sept 12	David Haugland Crom Corporation	Water and Wastewater Concrete Structures PDH
Sept 19	Joe Clark, JWC	Wiping out the Wipes Crisis PDH
Sept 26	David Glover	How to remove honey bees from buildings
Sept 27	Board Meeting - 5:30 pm	via Zoom Click HERE to Join
Oct 10	No Meeting	Columbus Day
Oct 3	COL Brian Sawser Memphis District Commander	District Update PDH
Oct 17	Jerry Potter Author and Attorney	The Sultana Tragedy - The sinking of the Riverboat Sultana near Memphis in April 1865 PDH
Oct 24	COL Ret. Pat Kinsman Virginia Port Authority	The Wind Energy Hub of the Future PDH
Oct 25	Board Meeting - 5:30 pm	via Zoom Click HERE to Join
Oct 31	Jason Allmon, PE Memphis District	Mississippi River Ecosystem Restoration PDH
Nov 7	No Meeting	
Nov 14	Dr Eric Welch, CBU Presentation of Directors	Overview of Unmanned Aerial Systems at CBU PDH Presentation of Class of 2025 Director Candidates
Nov 21	NO MEETNG	Prepare for Thanksgiving

Nov 22	Board Meeting - 5:30 pm	via Zoom Click HERE to Join
Nov 28	Patrick Bornhorst and- Joe Romero - Signify	UV-C Systems PDH Horticultural Systems PDH
Dec 5	Col Mike Ellicott	America Attacked PDH
Dec 9	ECM	Club Christmas Luncheon
Dec 12	Dennis Moore P.E.	Gas to Liquids - Description of a New Plant near Pine Bluff PDH
Dec 19	No Meeting	Get Ready for the Holidays
Dec 26	No Meeting	Recover from First Holiday - Get Ready for the Next Holiday
Dec 27	Board Meeting – NO MEETING	via Zoom Click HERE to Join

2021

Jan 4	Mike Ellicott, US Army (Retired)	History of the Interstate Highway System PDH
Jan 11	Peter Kauffman, PE, PTOE, AICP Barge Design Solutions	Predicting Safety at the Design Stage: HSM and IHSDM PDH
Jan 18	No Meeting	Martin Luther King, Jr. Holiday
Jan 25	Club Officers & Committee Chairmen	ANNUAL MEETING - Status of the Club - New Directors take office
Jan 26	Annual Board Meeting	Election of Officers and assignment of program months via Zoom
Feb 1	John Buxton P.E. (Retired)	History of the Erie Canal PDH
Feb 8	Mike Ellicott, US Army (Retired)	History of the Transcontinental Railroad PDH
Feb 17	Engineers' Week Kickoff	Proclamations & Awards
Feb 17 cont.	Keynote Speaker: Brian Sullivan FedEx Pilot - Fleet Standards Manager	MD11 Fleet Operations During the Pandemic PDH
Feb 22	Mike Ellicott, US Army (Retired)	History of the Hoover Dam PDH
Feb 23	Board Meeting	via Zoom
Mar 1	Walter Young, P.E. - Corrpro Companies	Corrosion - What is it? What forms does it take? How is it controlled PDH
Mar 8	Robbie Smith Nashville Electric Service (NES)	What is Music City Solar PDH
Mar 15	Paula Casey - Co-founder Tennessee Woman Suffrage Heritage Trail	Memphis' Superb Suffragists: Engineering Democracy and Public Art
Mar 22	Peter Hoerburger - System Engineer/Technical Sales	Computer Controlled Architectural Lighting and Lighting of Landmark Structures PDH
Mar 23	Board Meeting - 5:30 pm	via Zoom Click Here
Mar 29	Jerry Collins, P.E.	140 Years of Construction Projects in Shelby County PDH
Apr 5	Walter Young, P.E. Corrpro Companies	Corrosion Control and Mitigation, Part 2 PDH
Apr 12	John Cameron P.E. - Allworld Project Management Evan Boulanger P.E. - City of Memphis	Stormwater Management Projects in the Beltline Neighborhood PDH
Apr 19	Mike Ellicott, USACE (Retired)	Engineering Aspects of Doolittle Raid on Tokyo - April 18, 1942 PDH

Apr 26	Stephen Edwards P.E. City of Memphis Transportation Program Manager	Update on Current and Future Transportation Projects in Memphis PDH
Apr 27	Board Meeting - 5:30 pm	via Zoom Click Here
May 03	CPT Doug McGowan, USN(R) City of Memphis Chief Operating Officer	COVID-19 Response in Memphis PDH
May 10	Aaron Rogge, CDM Smith	Once in a Lifetime, Twice in a Decade: Understanding Extreme Rainfall Events PDH
May 17	Monica Sartain, Chief Operating Officer Power Consulting Associates	2021 Report Card for America's Infrastructure PDH
May 24	Mike Ellicott, USACE (Retired)	Frisco 1351: Turning Thermo Into Action How a "Modern" Steam Locomotive Works
May 25	Board Meeting - 5:30 pm	via Zoom Click Here
May 31	NO MEETING	Memorial Day
June 07	Andrew Frye - Manager Commercial Energy Solutions Electric Vehicles	Building the Tennessee Corridor Fast-Charging Network PDH
June 14	Jeremy Veldman President Memphis Astronomical Society	Dark Matter PDH
June 21	Bill Weppner former NASA Apollo Flight Controller	Did NASA fake the moon landing PDH
June 22	Board Meeting - 5:30 pm	via Zoom Click Here
June 28	Tennessee Department of Transportation Michael Welch, P.E. - Region IV Director of Operations	Fixing the I-40 Bridge "What actually happened and how are we fixing it" PDH
July 05	No Meeting	July 4th Holiday Celebrated
July 12	Drew Clayton - American Cast Iron Pipe Company	Water System Valving and Hydrants 101 PDH
July 19	Bob Retsch - Parsons	Skunk Works Efficiency -(Aircraft Development-Project Management and Efficiency) PDH
July 26	John Lancaster - MATA	Current and Future MATA Projects PDH
July 27	NO Board Meeting	Summer Holiday

Aug 02	Dave Berretta P.E. Corps of Engineers	Mississippi Basin Model (MBM), Once the largest small-scale working model in existence PDH
Aug 09	Col. Mike Ellicott (R)	The Manhattan Project PDH
Aug 16	Hugh Teaford P.E.	Is there a key to meeting the 2021 Stormwater Regulations adopted by the Tennessee Water Quality Control Board PDH
Aug 23	Jake Storz P.E.	Mississippi River Bank Protection-ACM Revetment Processes PDH
Aug 24	Board Meeting - 5:30 pm	via Zoom Click Here to Join
Aug 30	Jerry Collins P.E.	A History of Politics and Electric Power in Memphis PDH
Sept 06	No Meeting	Labor Day Holiday
Sept 13	John Shults - TVA	TVA's Performance During the 2021 Cold Weather Event PDH
Sept 20	Brandon Turk - Memphis Aerials	Drones and their many Uses PDH
Sept 27	Dale Smith P.E.	Engineering Ethics PDH [PowerPoint]
Sept 28	Board Meeting - 5:30 pm	via Zoom Click Here to Join
Oct 04	Jordan Bledsoe P.E. Corps of Engineers	Support for Others PDH
Oct 08	MLGW United Way Charity Golf Tournament	The Links at Fox Meadows -To register Click Here
Oct 11	NO MEETING	Columbus Day Holiday
Oct 18	LTC (R) John Buxton PE(R) Fellow Club Member	The Panama Canal - Part 1 PDH
Oct 25	Elizabeth Burks P.E. Memphis District Corps of Engineers	North Desoto County Flood Study PDH [PowerPoint]
Oct 26	Board Meeting - 5:30 pm	via Zoom Click HERE to Join
Nov 1	Joseph Hedges, P.E.	The Alaskan Way Viaduct in Seattle, WA. PDH
Nov 8	President Mark Baskin	Introduction of Candidates for Board of Directors
Nov 15	Fellow Club Member - Col (R) Mike Ellicott, P.E	Women in World War II [PowerPoint]
Nov 22	NO MEETING	Preparation for Thanksgiving
Nov 23	Board Meeting - 5:30 pm	via Zoom Click HERE to Join
Nov 29	Fellow Club Member LTC (R) John Buxton P.E.(R)	The Panama Canal - Part-2 PDH

Dec 6	COL (R) Aaron Barta	U.S. Army Rapid Response Search & Rescue Engineer Company at Pentagon on 9/11/01 PDH [PowerPoint]
Dec 13	COL (R) Mike Ellicott, P.E.	Attack on Pearl Harbor PDH
Dec 20	NO MEETING	Preparation for Christmas
Dec 27	NO MEETING	Recovery from Christmas
Dec 28	NO BOARD MEETING	Prepare for New Year

2020

Jan 6	David Ford Client Solutions - AT&T	First Net - building a \$40 billion fourth nationwide network for first responders PDH
Jan 13	Joseph Young & Steven Sinclair Critical Infrastructure/Energy for G4S	The Future of Security Monitoring: Improved Effectiveness and social implications of New Technologies PDH
Jan 20	No Meeting	Dr. Martin Luther King Holiday
Jan 27	Harvey Matheny	State of the Club
Jan 28	ALL Board Members	Annual Board Meeting - Sabbatini Lounge - Dinner from cafeteria (is on the Club)
Feb 3	Dr. Brian Waldron, Univ of Memphis	Fresh Water Institute PDH
Feb 12	Engineers' Week Kickoff Luncheon Shelby Ballroom at the U of M Holiday Inn	Dr. Richard Sweigard, Dean - University of Memphis Herff College of Engineering
Feb 17	No Meeting	Presidents Day
Feb 24	Col Mike Ellicott (Ret)	Engineering Aspects of the D Day Invasion
Feb 28	Board Meeting	
Mar 2	Robert Knecht, Director of Public Works for the City of Memphis, Brad Davis P.E.	Memphis Sewer Master Planning - Preparing For The Future PDH Meeting at Central BBQ 4375 Summer
Mar 9	Alonzo Weaver, SVP & COO MLGW	Infrastructure Improvements and Advances in Storm Restoration PDH
Mar 16	--	CANCELED - Coronavirus
Mar 23	--	CANCELED - Coronavirus
Mar 24	Board Meeting	via conference call
Mar 30	--	CANCELED - Coronavirus
Apr 6	--	CANCELED - Coronavirus
Apr 13	--	CANCELED - Coronavirus
Apr 14	Board Meeting	via conference call
Apr 16	--	CANCELED - Coronavirus
Apr 20	--	CANCELED - Coronavirus
Apr 27	--	CANCELED - Coronavirus

May 4	Kenny Monroe P.E., PTOE, Kimley-Horn Memphis	Innovation Corridor Project Update PDH [zoom]
May 11	Robert Knecht, Director of Public Works for the City of Memphis, and David Howell	Responding to Memphis 2011 Mississippi River Flood PDH [zoom]
May 18	Mayyam Salehi, Ph.D. U. of M	Environmental Impact of Plastics on Soil and Water in an Agricultural Setting PDH
May 25	No Meeting	Memorial Day
May 26	Board Meeting	5:30 - [zoom]
June 1	Becky Williamson, MLG&W	Renewable Energy Trends and Options for MLG&W Customers PDH [zoom]
June 8	George Aguilar of CLA-VAL	Control Valves 101 - Basic Applications and Operations and Applications PDH [zoom]
June 15	Jim West MLGW	Integrated Resources Plan PDH [zoom]
June 22	Mark McCord with Southeast Culverts	CMP Evolution and Resulting Perceptions PDH [zoom]
June 23	Board Meeting	5:30 - via ZOOM
June 29	Dan Moses & Danial Snyder - Project Engineer Aircraft Maintenance Fed Ex Express Air Ops	FedEx Converts Data Analytics into Intelligence to Continuously Improve Aircraft Maintenance Operations PDH [zoom]
July 6	Don Roberts, Supervisor of Reliability and Power Quality, MLGW	Data Driven Reliability PDH [zoom]
July 13	Jim Dean, President and CEO, Memphis Zoo	Master Plan for the Memphis Zoo -- Reassessing and Re-imagining the Zoo's Potential [zoom]
July 20	Majid Hatamzadeh, Senior Project Engineer and Mike Anderson, LASCO, Inc.	Approaches to Fire Protection Design and Updates to the Fire Protection Codes and demonstration of a dry type sprinkler system test PDH [zoom]
July 27	Bill Weppner former NASA Flight Controller	Getting to the Moon: How it all began and the people that made it happen PDH (Part 1 of a multi-part presentation) [zoom]
July 28	Board Meeting	via Zoom Click Here
Aug 3	No Meeting	
Aug 10	Col Mike Ellicott	Enigmas, Bombes, and Purple Machines: Code Breaking in WWII PDH [zoom]
Aug 17	Ken Harmon	Lightweight Aggregate PDH [zoom]
Aug 24	Bill Weppner former NASA Flight Controller	Getting to the Moon: Several Large Steps - Mercury - Gemini - Apollo (Part 2 of a multi-part presentation) [zoom]

Aug 25	Board Meeting	via Zoom Click Here
Aug 31	Tracy Fearnley	Suez Water Advanced Solutions Proactive Management [zoom]
Sept 7	No Meeting	Labor Day
Sept 14	Emmanuel Tuombe, P.E.	Engineering with Purpose PDH [zoom]
Sept 21	Peter C. Atherton, P.E.	How to Prevent Burnout, Increase Engagement, and Inspire Employee Excellence in a World of COVID and Beyond PDH [zoom]
Sept 22	Board Meeting	via Zoom
Sept 28	Bill Weppner former NASA Flight Controller	Getting to the Moon: Been There; Done that. But still a very tricky business (Part 3 of a multi-part presentation) PDH [zoom]
Oct 5	Jeff McConahy-Site Supply	Ace XP Aramid Fiber to Reinforce Asphalt PDH [zoom]
Oct 12	No Meeting	Columbus Day
Oct 19	Bill Weppner USAF(R)	Part 4, Apollo 12 and 13 PDH [zoom]
Oct 26	Brett Lord Concrete Steel Reinforcing Institute (CRSI)	Field Inspection of Reinforcing Steel PDH [zoom]
Oct 27	Board Meeting	via Zoom
Nov 2	Pres. Kevin Eason - Sec. Bob Sweeney	Presentation of Director Candidates - Deceased Members Memorial [zoom]
Nov 9	Col. Mike Ellicott USACE(R)	"The Second Casket from the Right" - The story of America's Unknown Warrior [zoom]
Nov 16	Club Member Dr. Richard Sweigard U of M Dean of Engineering	Recent Highlights of at the Herff College of Engineering PDH [zoom]
Nov 23	No Meeting	Get ready for Thanksgiving
Nov 24	Board Meeting	via Zoom
Nov 30	Mr. Blake Daigle, P.E., MLGW	Smarter Power for Memphis: Implementing Distribution Automation at MLGW PDH [zoom]
Dec 7	Katya Echazarreta NASA'S Jet Propulsion Lab	Kat Echazarreta: Her Journey to Space Engineering PDH [zoom]
Dec 14	Sarah Houston CAESER'S Director of Education and Outreach	Expanding the Science of Aquifer Sustainability PDH [zoom]

Dec 21&28	No Meetings	Prepare for the upcoming big days
Dec 22	No Board Meeting	Completing the preparations

2019

Jan 7	Hugh Teaford, P.E., (Retired) Engineering Consultant	Memphis Water Technology Park PDH
Jan 14	Derrick Mason, ASQ CQA Quality Specialist, Siemens Healthineers	Keys to Great Customer Service from a Quality Perspective PDH
Jan 21	No Meeting	Dr. Martin Luther King
Jan 28	President Mary Jane Cassandras	State of the Club
Jan 29	Annual Board Meeting Sabbatini Lounge	Election of Officers
Feb 4	Jim Belles - NOAA	Mathematical and Engineering applications in weather. Our survey will include, damage surveys, hydrologic forecasting, computer models and our new satellite system PDH
Feb 13 Wed.	Engineers Week Kickoff Luncheon Shelby Ballroom at the U of M Holiday Inn	Col. Michael A. Ellicott, Jr. - Commander, Memphis District "Engineering Leadership"
Feb 18	No Meeting	President's Day
Feb 25	Andy Kitsinger, AIA, AICP	Why Planning Matters PDH
Feb 26	Board Meeting	5:30 Black & Veatch Conference Room
Mar 4	Alan Cox, P.E., DIPRA MEETING IS AT JASON'S DELI	Thickness Design of Ductile Iron Pipe PDH
Mar 11	Jessie Anna Boone Southeast Cement Promotion Information	Full Depth Pavement Reclamation PDH
Mar 18	Josh Whitehead-Memphis & Shelby County Office of Planning & Development	Determining Consistency with Memphis 3.0 Plan PDH
Mar 25	Don Conrad, Forterra Pipe	Thinking Resilient Infrastructure PDH Discussion of resilience as it relates to storm water drainage systems
Mar 26	Board Meeting	5:30 Black & Veatch Conference Room
Apr 1	Jeff Boschert National Clay Pipe Institute	Pilot Tube Guided Boring PDH
Apr 8	Pragati Srivastava - Memphis MPO	Recently Completed Freight Plan PDH
Apr 15	Mike Golias - University of Memphis	Improving Resilience of Roadway Networks in West Tennessee PDH

Apr 22	Jason Bates, ADS Pipe [Meet at Jason's Deli]	Complete Drainage Solutions PDH
Apr 23	Board Meeting	5:30 Black & Veatch Conference Room
Apr 29	Dr. Ben Amaba, IBM (ECM Member)	Effect of Artificial Intelligence on the Engineering Profession PDH
May 6	Tom Lawrence P.E.	WQM! The Cutting Edge of SCM O&M PDH
May 13	Robert Cochran, P.E.Allen and Hoshall Meeting at Jason's Deli	3D Visualization PDH
May 20	Glenn Fuller - Vulcan Materials Company Meeting at Jason's Deli	Sustainability efforts through product development PDH
May 27	No Meeting	Memorial Day
May 28	Board Meeting	5:30 Black & Veatch Conference Room
June 3	Brian Tenkhoff, P.E. Memphis and Shelby County Airport Authority Meeting at CBU (lunch from Snack bar)	Terminal Renovation PDH
June 10	John Buxton, PE (R) Meeting at Jason's Deli	Los Angles Redline Subway PDH
June 17	Stephanie Ivey, PhD Meeting at CBU (Sandwich bar in room \$8.00)	STEM Education in West Tennessee Making an Impact PDH
June 24	Nidia Logan-Robinson, MPA - Memphis and Shelby County Division of Planning and Development Meeting at CBU	Develop 901: Improving the Development Process in Shelby County PDH
June 25	Board Meeting	5:30 Black & Veatch Conference Room
July 1	No Meeting	Early Independence Day Celebration
July 8	Greg Dotson P.E. Meeting at CBU - Snack Bar is Available	Bike Tour of the Netherlands PDH
July 15	Stephen Edwards P.E. Meeting at CBU - Snack Bar is Available	City of Memphis CIP Update PDH
July 22	Brian Tenkhoff P.E. Meeting at Jason's Deli	Part 2 - Memphis International Airport - Updates on Major Construction Projects PDH
July 23	No Board Meeting	Summer Vacation

July 29	John Lancaster P.E. Meeting at Jason's Deli	MATA's Bus Rapid Transit Project Update PDH
Aug. 5	Ryan Lutrell - MLG&W Meeting at Jason's Deli	Electric Substation Asset Management PDH
Aug. 12	James B. Warberg, Jr., PE - MLG&W Meeting at Jason's Deli	The Downtown Power Electric Network: System Operation and Improvements PDH
Aug. 19	Boyd Ruppelt - MLG&W Meeting at Jason's Deli	The Impact of Seismic Codes to Design and Modifications of Existing Process Unit Structures PDH
Aug. 26	Philip Cox P.E. Meeting at CBU	Medium Voltage Cable Theory and A Brief History Of Extruded Dielectric Medium Voltage Power Cable At MLGW PDH
Aug. 27	Board Meeting	5:30 Black & Veatch Conference Room
Sep 2	No Meeting	Labor Day
Sep 9	Montgomery Martin	Our Work for Our Community PDH
Sep 16	Dr. Erno Lindner, PhD	Porous polymer nanocapsules: possibilities for chemical sensors PDH
Sep 23	Jared Darby - Memphis & Shelby County Office of Planning and Development	Shelby County National Disaster Resilience Grant Project Updates PDH
Sep 24	Board Meeting	5:30 Black & Veatch Conference Room
Sep 30	Rory Thomas Small Business Development Center	Free Tools and Resources from SBA and TSBDC
Oct 7	Mike Larrivee, Executive Director (Compost Fairy) Meeting at Jason's Deli	Closing the Carbon Gap on Carbon Farming
Oct 14	No Meeting	Columbus Day
Oct 21	Joe Bratchie, Regional Stormwater Consultant CONTECH	Hydrodynamic Separators and Underground Detention PDH
Oct 22	Board Meeting	5:30 Black & Veatch Conference Room
Oct 28	Lori Morris, Manager of Environmental Service Memphis & Shelby County Airport Authority Meeting at CBU in Room 111 - Rosa Deal Hall	The Importance of Environment in Design PDH
Nov 4	George Barnes-Harvey Matheny	Life Member Recognition - Presentation of Director Candidates
Nov 11	Veterans Day Holiday	No Meeting

Nov 18	Ryan Smith, Nike	Creating the All-Star Program: Labor Management Implementation PDH
Nov 25	Brent Williams - Kyle Hyneman - MLGW	MLGW Integrated Resource Plan Update PDH
Dec 2	Larkin Myers, PE - Tioga Environmental Consultants Meet in Rosa Deal, Room 111	Environmental due-diligence PDH
Dec 9	Ms. Charmeal Alexander and Mr. Terry Watts	Lineage of our Home Town Hero - Thomas (Tom) Lee - Read the Memphis Magazine Article
Dec 13	Engineers' Club	Christmas Party - see details above.
Dec 16	No Meeting	Recuperate from Friday
Dec 23	No Meeting	Christmas Eve
Dec 24	No Board Meeting	Christmas Eve
Dec 30	No Meeting	Prepare for New Years

2018

Jan 8	Matt Dorsey	Geopier System for Slope Stability. PDH
Jan 15	No Meeting	Martin Luther King Holiday
Jan 22	Staff	Annual Meeting
Jan 23	Board Meeting	6:00 pm - Sabbatini Lounge at CBU
Jan 29	John Gordon	Design Challenges with Local Soils in Memphis PDH
Feb 5	Zach Shaw	Memphis Airport Concourse Modernization PDH
Feb 14	Josh Whitehead	Engineers' Week kickoff
Feb 19	No Meeting	President's Day / Engineers' Week
Feb 24	Judges needed	9:00 am - MJEC Student Contest at Southwest
Feb 26	Steve Stephens and Bob Kendall	Using BIMM in Construction - Methodist University Hospital Tower PDH
Feb 27	Board Meeting	5:30 Black & Veatch Conference Room
Mar 5	Ben Day, Tioga Environmental Consultants	The NEPA Process - Agency Implementation and a HUD Case Study PDH
Mar 12	Carl Fristic, V&S Memphis Galvanizing	Galvanize It PDH
Mar 19	Hyung Lee and Jeff Sissom, MLGW	Energy Resources: MLGW Gas Buying PDH
Mar 26	Club Member J.T. Malasri, PE, Malasri Engineering	How to Start a Business (while keeping the lights on)
Mar 27	Board Meeting	5:30 Black & Veatch Conference Room
Apr 2	Ms. Jessie Boone - Southeast Cement Association	Full Depth Asphalt Pavement Reclamation PDH
Apr 9	Joel Johnson and Gargi Talati - Burr & Cole	U of M Pedestrian Bridge PDH
Apr 16	Rick Gafford - Fisher Arnold	Lamar Project - Improvements for Tomorrow PDH
Apr 23	James Collins - Kimley Horn	Impacts of Autonomous Vehicles on the Transportation System PDH
Apr 24	Board Meeting	5:30 Black & Veatch Conference Room
Apr 30	Matt Bingham, Midsouth Mapping	Drone Acquired Aerial Mapping in Surveying and Design PDH
May 7	Ben Amada, PhD	IBM Watson, 'Blockchain and The Engineering Community' PDH
May 14	Club Member Jerry Collins, PE, Retired	50 Years of Engineering Impacts on Memphis in the Public Sector PDH

May 21	Omar Pasada, ATT/iQor (Meeting at Jason's Deli - Poplar and Highland)	Product Support Services Overview
May 22	Board Meeting	5:30 Black & Veatch Conference Room
May 28	Memorial Day	NO MEETING
June 4	Trenika Madden, President NSBE Memphis Professionals Chapter	NSBE Pre-College Initiative for STEM Engagement.
June 11	Gary Woodall National Weather Service	The River Forecasting Process and Recent Trends in River Response PDH
June 18	Dr. Ashraf Elsayed, P.E. Chief Engineer, Geotechnology, Inc.	I-240 Bridge Replacements using Accelerated Bridge Construction (ABC) PDH
June 25	Daniel Gray Linnell and Frank Rodriguez	TVA Natural Gas Plant Tour (see details above) PDH
June 26	Board Meeting	5:30 Black & Veatch Conference Room
July 2	No meeting	Early 4th celebration
July 9	Linda Brashear Shelby Farms Park Conservancy	Park Developments Update
July 16	Charles Van Tilburg Engineers Without Borders	Their Current Project(s)
July 23	Rick Stieg County Government	Upcoming GIS Data Portal PDH
July	NO Board Meeting	Board Vacation
July 30	Dr. L. Yu Lin, CBU	Storm Water Quality Procedures PDH
Aug 6	John Williams, MPD	Real Time Crime Center and Crime Analysis Unit PDH
Aug 13	Ms. Carol Coletta	Memphis River Parks Partnerships PDH
Aug 20	Ms. Sara Studdard & Mr. Nicholas Oyler	Explore Bike Share - See More in Memphis PDH
Aug 27	Cameron Ross - Community Development Director Tim Gwaltney - City Engineer	Germantown Economic Development PDH
Aug 28	Board Meeting	5:30 Black & Veatch Conference Room
Sept 3	No Meeting	Labor Day

Sept 10	Roy Remington, Millington Airport Authority John Greaud, Barge Design Solutions	Millington-Memphis Airport, Reconstruct Runway 4/22 PDH
Sept 17	Donald Brown Memphis-Shelby County Airport Authority	Concourse Modernization and CONRAC PDH
Sept 24	Donald Brown Memphis-Shelby County Airport Authority	Deice Pads and Airfield Maintenance Facility PDH
Sept 25	Board Meeting	5:30 Black & Veatch Conference Room
Oct 1	Mr. J.T. Young, President, MLGW	Utility Best Practices/Lessons Learned PDH
Oct 8	No Meeting	Columbus Day
Oct 12	MLGW United Way Golf Tournament at Glen Eagle in Millington	Contact Ryan Groves for more information.
Oct 15	Joe Bratchie, Contech	Stormwater Pipe PDH
Oct 22	Jeanne Cummings	"Welcome to Memphis"
Oct 23	Board Meeting	5:30 Black & Veatch Conference Room
Oct 29	Victor Althoff, FloodBreak	The 100% Passive Flood Gate PDH
Nov 5	George Barnes Harvey Matheny	Life Member Recognition Presentation of Director Candidates
Nov 12	No Meeting	Veterans Day
Nov 19	Stephen Edwards, P.E. City of Memphis	Memphis Capital Improvements Projects (CIP) Program PDH
Nov 26	Rick McClanahan, P.E. Bartlett City Engineer	Projects in the City of Bartlett
Nov 27	Board Meeting	5:30 Black & Veatch Conference Room
Dec 3	Maryam Salehi, Ph.D. Univ of Memphis	Toward More Sustainable Water Infrastructure & Water Treatment Technologies PDH
Dec 7	Christmas Luncheon	See Above
Dec 10	No Meeting	Re-coup from Christmas Luncheon
Dec 17	Christopher Rutledge, MLGW Meet at Jason's Deli at Poplar and Highland	A Comprehensive Diagnostic Evaluation of Substation Equipment via Dissolved Gas Analysis PDH

Dec 24	No Meeting	Merry Christmas Eve
Dec 25	No Board Meeting	Merry Christmas
Dec 31	No Meeting	Happy New Year's Eve

2017

Jan 2	No Meeting	New Years Celebration (recovery)
Jan 9	Sherra Russell-MLGW Supervisor of Land and Mapping Robert Lowe	MLGW's Role in Shelby County Address Assignment and Utility Mapping (PDH)
Jan 16	No Meeting	Dr. Martin Luther King Holiday
Jan 23	Pres. Buxton and staff	Year end report - State of the club
Jan 24	Board Meeting	6:00 pm Medallion Room at University of Memphis Holiday Inn
Jan 30	John Daho MLGW Data Security Officer	Data Security: Best Practices (PDH)
Feb 6	Lisa Williams - Shelby County Engineering	Shelby County Household Waste Program
Feb 13	James Collins, PE - Doug Swett, PE Kimley-Horn	Improving Air Quality Now and Preparing for the Future PDH
Feb 22 Wed	Engineers Week Grand Luncheon Memphis Area Joint Engineers Council	Speaker: Developer Henry Turley
Feb 25 Sat	Memphis Area Joint Engineers Council Student Contest at Southwest	Judges will be needed from 9 AM to 12 Noon that day.
Feb 27	Club Member Allen Cox, PE, DIPA	Seismic Pipeline Design with Ductile Iron Pipe PDH
Feb 28	Board Meeting	Board Meeting at 5:30 PM in the Black & Veatch conference room at 3485 Poplar, Suite 230.
Mar 6	Janet Boscarino - Clean Memphis	Fostering a Sustainable Memphis
Mar 13	Scott Schoefernacker Ground Water Institute	Memphis Aquifer PDH
Mar 20	Chris Masin Shelby County Engineering	Inspection by iPad PDH
Mar 27	Club Member John Buxton, PE (R)	Construction QA the FTA Way PDH
Mar 28	Board Meeting	Board Meeting at 5:30 PM in the Black & Veatch conference room at 3485 Poplar, Suite 230.

Apr 3	Joy Williams - City of Memphis Public Works Solid Waste Management	There's Gold In Them Thar Hills: The Recycling Rush
Apr 10	Shelli Brasher Robotics Education & Competition Foundation	There's a New Game in Town! VEX Robotics! PDH
Apr 17	Jonathan Flint, LEED AP - LRK Jim Liles, P.E. LEED AP	St. Jude Expansion Design PDH
Apr 24	Hal Cook and Bob Conrad	The design and installation of the 24" natural gas pipeline from MLGW's Airways Gas Gate Station to the TVA Combined Cycle Plant. PDH
Apr 25	Board Meeting	Board Meeting at 5:30 PM in the Black & Veatch conference room at 3485 Poplar, Suite 230.
May 1	Dr. Joel Baumgardner U of M Professor of Biomedical Engineering	Chitosan - a versatile biomaterial for dental/craniofacial and orthopaedic applications PDH
May 8	Dr. Chrysanthe Preza Prof. and Chair of Electrical and Computer Engineering	Computational Imaging for Microscopy PDH
May 15	Dr. Claudio Meier Associate Professor of Civil Engineering	Cottonwood Trees' Influence on the Geomorphology of Gravel Bed Rivers PDH
May 16	Board Meeting	(with dinner) in the CBU Thomas Center Sabbatini Lounge which is adjacent to the cafeteria. Gathering time is the regular 5:30 PM.
May 22	Dr. Stephanie Ivey Professor of Civil Engineering and Associate Dean for Research	New Transportation STEM Academy at East High School
May 29	No Meeting	Memorial Day
June 5	Robert Scoff, P.E.	NEPA 70E Electrical Safety in the Workplace PDH
June 12	Luke Hall P.G. Tioga Environmental Consultants	Arkansas Industrial Brownfield Site PDH
June 19	Thomas Needham,P.E.	Shelby County HUD Resiliency Improvements PDH
June 26	Keith Cole, Exec. Dir Wolf River Conservancy	Intro to the WRC and Wolf River Greenway Trail PDH

June 27	Board Meeting	at Black & Veatch Office new location - 845 Crossover Lane Suite 120
July 3	No Meeting	Fourth of July Eve
July 10	Trenika Madden Electrophysiology Technical Service Specialist Abbott Laboratories	Electrical Concepts of Cardiac Pacing PDH
July 17	Michael Daniels, P.E. Manager - Corporate Estimating - VP Buildings	Pre-Engineered Building Systems Seismic Limitations and Solutions PDH
July 24	Stephen White, DPhil Chair, Department of Structural Biology St. Jude Children's Research Hospital	Structure Based Drug Discovery PDH
July 31	Wesley Goodnight Exec. Dir - Project Manager, Engineering Services EnSafe, Inc.	St. Jude Children's Hospital Environmental Challenges During Ongoing Construction PDH
Aug 7	Travis Stalans P.E. - MLGW	MLGW Mallory Pumping Station Renovation PDH
Aug 14	Susan Fentress	Effective IP Protection Without a Patent PDH
Aug 21	Don Roberts P.E. - MLGW	The Future of Electric System Reliability PDH
Aug 22	Board Meeting	Black & Veatch Conference Room
Aug 28	Kyle Hyneman P.E. - MLGW	NERC - It's History and It's Affects on the Business of Electricity PDH
Sept 4	NO MEETING	Labor Day
Sept 11	Jeremy Mitchell	3D Printing @ Cloud901
Sept 18	Dr. Lyu Lin, CBU	City of Memphis Drainage Improvement Plan and Drainage Hydrologic & Hydraulic Study PDH
Sept 25	Dr. Siripong Malasri, Patrick McGinnis, etc.	TJ Bot Workshop: A Nobox-IBM-CBU Partnership PDH
Sept 26	Board Meeting	5:30 Black & Veatch Conference Room
Oct 2	Sam Kahel PE MLGW Telecommunications Smart Meter Team	Smart Meters - Technical Background PDH

Oct 9	NO MEETING	Columbus Day
Oct 16	Jimmy Ogle Official Shelby County Historian ...	Historic Memphis to Modern Memphis
Oct 23	Ms. Becky Williamson MLGW Strategic Marketing Coordinator	Solar Generation Update PDH
Oct 24	Board Meeting	5:30 Black & Veatch Conference Room
Oct 30	Mr. Jim Warberg MLGW Substation Project Coordinator	MLGW Electric Network-The World Down Under PDH
Nov 6	Mark Peterson, PE	Tensar, Design Mechanisms and Methodology of Geogrid PDH
Nov 13	George Barnes	Life Member Day - Introduction of Candidates for 2018 Directors
Nov 20	NO MEETING	Thanksgiving preparation day
Nov 27	Jimmy Ogle Official Shelby County Historian ...	Historic Memphis to Modern Memphis (Part 2)
Nov 28	Board Meeting	5:30 Black & Veatch Conference Room
Dec 1	ECM CLUB	Christmas Luncheon at the Holiday Inn
Dec 4	No Meeting	Some are still recovering from the Luncheon.
Dec 11	Dr. Bob Hunt Memphis District Corps of Engineers	Wolf River Control Structure and Stilling Basin PDH
Dec 18	Stephen Edwards PE City of Memphis	Integrating Complete Streets and Interim Design Strategies in Comprehensive Planning PDH
Dec 25	No Meeting	DUH!
Dec 26	No Board Meeting	DUH!

2016

Jan 4	Matt Dorsey and Blake Marotti of PSI	A Case Study, Geotechnical and Construction Testing - New Cargill Plant, West Memphis (PDH)
Jan 11	Wayne Gibbs of PSI	Nashville Sounds Stadium - History, Design, and Construction (PDH)
Jan 18	Holiday no meeting	Martin Luther King
Jan 25	President Tom Lawrence	Annual Meeting - State of Club and Committee reports
Jan 26	Board of Directors Meeting	Election of Officers - 6:00 pm Holiday Inn - Univ of Memphis
Feb 1	Dr. Gary Bowlin, U of M Chair of Excellence Biomedical Engineering	Tissue Engineering (PDH)
Feb 8	Dr. Sumanta Achary U of M Chair of Mechanical Engineering	Introducrtion of Additive Manufacturing (PDH)
Feb 15	Holiday no meeting	Presidents Day
Feb 23	Board of Directors Meeting	5:30 pm @ Black & Veach Office
Feb 24	Engineers' Week - mid week Banquet	Gary Shorb - Chief Executive Officer Methodist Le Bonheur Healthcare
Feb 29	Dr. Sabya Mishra U of M Assistant Professor of Civil Engineering	Transportation Research at the Intermodal Freight Transportation Institute (PDH)
Mar 7	Brett Batterson, Pres/CEO The Orpheum and Halloran Center	What's New at the Orpheum
Mar 14	Dr. Glen Fenter CEO Greater Memphis Alliance for a Competitive Workforce	Filling a Skills Pipeline
Mar 21	Nicole Lawrence and Brandon Akins, TDOT	First Geofoam Installation (PDH)
Mar 22	Board of Directors Meeting	5:30 pm @ Black & Veach Office
Mar 28	Derrick Porter, Memphis Public Works	Industrial Wastewater Monitoring and Pre-Treatment Program (PDH)
Apr 4	Chip Sneed - Memphis Fire Department	Engineering Involvement in Tennessee Task Force One
Apr 11	John Gordon, P.E.	The Gayoso Bayou and the Bayou's Effect on Downtown Memphis, A Case Study (PDH)
Apr 18	TBD	Ronald McDonald House

Apr 25	J.B. Peters, Associate Project Manager II Info Tech, Inc.	Cloud-based solutions to increase the efficiency and accuracy of construction contract inspection and administration. (PDH)
Apr 26	Board of Directors Meeting	5:30 pm @ Black & Veach Office
May 2	Tripp Fisher U of M Student Chapter of Engineers Without Borders	Assessing the Need for Greenhouses in Bolivia
May 9	Meg Johnson, EIT, Structural Engineer U.S. Army Corps of Engineers	Plotting the Future with Building Information Modeling (BIM) PDH
May 16	Eric Held, P.E. Manager of Conservation Programs Southern Region Ducks Unlimited, Inc.	Wetlands Mitigation PDH
May 23	Laura Campbell, P.E. V.P. Customer Delivery Tennessee Valley Authority	The New TVA Power Plant PDH
May 24	Board of Directors Meeting	5:30 pm @ Black & Veach Office
May 30	No Meeting	Memorial Day
June 6	Allan Long, PE (Club member) - MLGW	Cyber Securities for Utilities PDH
June 9	ECM Field Trip	AutoZone Park for a Redbirds game.
June 13	Dr. Naveen Kumar - University of Memphis	Data Science - Some Pieces of the Puzzle PDH
June 14	WKNO	Live Pledge Night for "Trains Around North America".
June 20	Robert Scoff, PE (Club Member)	Forensics Electrical Engineering PDH
June 27	Dr. Chen Zhang	Crowd Funding for Entrepreneurial Engineers
June 28	Board of Directors Meeting	5:30 pm @ Black & Veach Office
July 4	No Meeting	Happy Birthday USA
July 11	Brad Davis, P.E. Black & Veach - Deputy Manager SARP10	Sanitary Sewer Risk Management PDH
July 18	Tim Gwaltney, P.E. City of Germantown - City Engineer	Improvements Along Wolf River Lateral D PDH
July 25	Shane Callahan, P.E. Memphis District Corps of Engineers	Bayou Meto Projects Currently under Construction PDH
July 26	NOTE:	NO BOARD MEETING THIS MONTH

Aug 1	Dr. Warren Haggard University of Memphis	A New Biodegradable Sponge for Antibiotic Delivery. PDH
Aug 8	Dr. Russ Deaton University of Memphis	New Student Retention Initiatives in the Herff College of Engineering.
Aug 15	Kevin Berisso University of Memphis	Automatic Identification: Enabling the World. PDH
Aug 22	Dr. Eddie Jacobs University of Memphis	Current Research Efforts in the Center for Advanced Sensors. PDH
Aug 23	Board Meeting	5:30 PM in the Black & Veatch conference room at 3485 Poplar, Suite 230.
Aug 29	Dr. Brian Waldron, Ph.D, PE Ground Water Institute	2015 Shelby County Shallow Aquifer Water Level Survey PDH
Sept 5	No Meeting	Labor Day
Sept 12	Kerry Roy, P.E. Memphis Light Gas & Water	MLGW's JEPE (Junior Engineer/Professional Engineer) program
Sept 19	Dr. Shahram Pezeshk, Ph.D, PE University of Memphis	Retrofit and Instrumentation of the I-40 bridge over the Mississippi River PDH
Sept 26	Jon Mosteller, P.E. Memphis Light Gas & Water	Electric Capital Planning, Budgeting & Prioritizing at MLGW PDH
Sept 27	Board Meeting	5:30 PM in the Black & Veatch conference room at 3485 Poplar, Suite 230.
Oct 3	Allen Cox (fellow Club Member)	Direct Current Corrosion in Underground Pipe PDH
Oct 10	Jim Atkins Lakeland City Manager	Status of Lakeland Projects
Oct 17	Paul Gavin (fellow Club Member)	What is the Difference Between HDPE and PP Pipe PDH
Oct 24	Mary Jane Cassandra (fellow Club Member)	Israel Trip
Oct 25	Board Meeting	5:30 PM in the Black & Veatch conference room at 3485 Poplar, Suite 230.
Oct 31	Robert Elsworth (fellow Club Member)	Evolving Laser Technology PDH
Nov 7	David N. Garst, B,Arch., J.D. Lewis, Thompson, King, Kreig & Waldrup, P.C.	E-mail Risk Management for Design Professionals Policies and Best Practices PDH See Power Point Presentation

Nov 14	Staff	Presentation of the Director Candidates, Introduction of the New Life Member(s) and Presentation of the Lifetime Achievement Award (Bob Sweeney)
Nov 21	No-Meeting	Thanksgiving Preparations
Nov 28	David Cash Senior Engineer at Pickering Inc.	Debris Collection and Removal System for McKellar Lake presentation PDH
Nov 29	Board Meeting	5:30 PM in the Black & Veatch conference room at 3485 Poplar, Suite 230.
Dec 2	Christmas Luncheon	See Details Above
Dec 5	No Meeting	Re-coup from Friday's Celebration
Dec 12	Dr. Pong Malasri Dean of Engineering, Christian Brothers University	Engineering at CBU: Past, Present and Future
Dec 19	Ashley Cash, Administrator - Comprehensive Planning Antoine Hawkins, Staff Planner Office of Planning and Development	Memphis 3.0 - In Progress
Dec 26	No Meeting	Christmas Day (recovery)
Dec 27	No Board Meeting	!!

2015

Jan 5	Jane Jones P.E. Director Project Development TDOT Region 4	TDOT Region 4 Long Range Plans for Shelby County (PDH)
Jan 12	ECM President, Wade Towles	State of the Club (Annual Meeting)
Jan 19	No Meeting	Martin Luther King
Jan 20	Annual Board Meeting	6:00 pm @ Holiday Inn at Univ of Memphis - Election of Officers
Jan 26	Stephen Shields, Attorney	Dispute Resolution Procedures & Practices Related To The Practice of Engineering (PDH)
Feb 2	Steve Horton, UM/CERI	Earthquakes caused by human activity in the central U.S. (PDH)
Feb 9	Greg Curtis, TVA	TVA Combined Cycle and Combustion Turbine Generation (PDH)
Feb 16	Bob Smalley, UM/CERI	Geophysics in the Southern Ocean (PDH)
Feb 17	Board Meeting	5:30 pm @ Black & Veach Office
Feb 23	No Meeting	See Feb 25
Feb 25 Wednesday	Engineers' Week Luncheon Univ of Memphis Holiday Inn	Co-hosted by the Club and the Memphis Area Joint Engineers Council. Landscape Architect Ritchie Smith, "Greenline Crossing at Germantown Parkway"
Mar 2 Part-1	Dan Springer Director of Communications at Evolve Bank & Trust	Civic Engagement Opportunities for Young Professionals in Shelby County
Mar 2 Part-2	Jim Strickland Memphis City Councilman District 5	Q&A with Jim Strickland
Mar 9	Gwyn Fisher Greater Memphis Regional Director	Economic Development Initiatives in West TN
Mar 16	Ron Garrison President/General Manager MATA	NOW IS THE TIME
Mar 17	Board Meeting	5:30 Black & Veatch Office
Mar 23	Christine Donhardt-Senior Planner Memphis Shelby County Office of Sustainability	An Overview of the Office of Sustainability
Mar 30	John Buxton, PE	How I Finally Became an Expert - Los Angeles Red Line (PDH)
Apr 6	Carlee McCullough, President of McCullough Law	Business Succession Plan for Engineers (PDH)

Apr 13	Nathan Luce, PE MSCAA Development Division	Update on Current and Future Projects at the Airport ECM Executive Committee meeting follows
Apr 20	Bob Smalley, PE	Geophysics in the Southern Ocean (PDH)
Apr 21	Board Meeting	5:30 Black & Veatch Office
Apr 23	Field Trip	V&S Memphis Galvanizing Plant Grand Opening
Apr 27	John Cameron, PE Director of Engineering, City of Memphis	Break Down of the City Budget
May 4	Brian Hall, PE Corps of Engineers	Merriwether-Cherokee - Potamology (PDH)
May 11	Jerry Collins, PE President MLG&W	The Changing World of Energy (PDH)
May 18	Dr. Ted Horrell Lakeland Superintendent of Schools	Future Educational Issues and Opportunities
May 19	Board Meeting	5:30 pm @ Black & Veatch Office
May 25	No Meeting	Memorial Day
June 1	Ben Amaba, Ph.D	Why the World's Brightest Companies are Embracing Cloud and Mobile Technology (PDH)
June 8	Bob Scoff, P.E.	Circuit Analysis using the VIP Method (PDH)
June 15	Bob Wenner Chief Financial Officer/Director of Lands Wolf River Greenway	Wolf River Conservancy
June 16	Board Meeting	5:30 pm @ Black & Veatch Office
June 22	Anna Terry and Beck Niyazov, PhD Renewable Energy Design and Development Studio REDD Studio	Taking Renewable Energy into the Public Sphere (PDH)
June 29	Tina Sullivan, Executive Director, Overton Park Conservancy	Overton Park: 1901 to Today
July 6	John Haas and Vanden Willey OnTrack Group of Tennessee	Transportation Corridors
July 13	Jim Ryan, Eutectic Corporation	Welding Alloys for Maintenance and Repair (PDH)

July 20	Daniel Kohn, University of Memphis	FRC Robotics Competition
July 21	Board Meeting	5:30 pm @ Black & Veach Office
July 27	Jack Bailey, Yaskawa America	Variable Frequency Drive Technologies (PDH)
Aug 3	Josh Whitehead, AICP	Planning Director/Administrator Memphis and Shelby County Office of Planning and Development
Aug 10	Bob Scoff, PE	The VIP Method for Alternating Current Circuits (PDH)
Aug 17	Jim Burkhead, Plant Manager CERF Shelby, LLC	Dr. Stephen Smith - Clean Energy Renewable Fuel (PDH)
Aug 18	Board Meeting	5:30 pm @ Black & Veach Office
Aug 24	Matt Selzer, AIA, Archimania	I-55 TN Welcome Center (and other projects?)
Aug 31	Club Member Tom Needham, PE Shelby County Public Works	Update on Current and Future Projects
Sept 7	Labor Day	No Meeting
Sept 14	Jim Szaroletta, Kruger Tissue Group	Engineering Lessons Learned in Manufacturing (PDH)
Sept 15	Board Meeting	5:30 pm @ Black & Veach Office
Sept 17	Field Trip	Crosstown Concourse
Sept 21	Heather Hall, AIA, Tom Marshall, AIA OT Marshall Architects	Pyramid - Bass Pro Project (PDH)
Sept 28	Noah Ketler, Student Stephen Edwards, Student Advisor	Engineers without Borders
Oct 5	Bob Pitts - Pickering	Shelby Farms Park
Oct 12	Bob Sweeney - SR Consulting	Proposed One Beale Development
Oct 16	ECM Golf Tournament see above	Cherokee Valley Golf Course in Olive Branch, MS.
Oct 19	Richard Sweigard University of Memphis	Engineering Accreditation 101 (PDH)
Oct 26	Robert Knecht - Director of Public Works City of Memphis Wain Gaskins - Senior Project Manager Kimley-Horn and Associates	Municipal Revenue Enhancement

Oct 26	Board Meeting note NEW DATE	5:30 pm @ Black & Veach Office
Nov 2	Jackie Whitlock and Mike Clay	The Corps Can Help! Municipalities and Consultants Working with the Corps (PDH)
Nov 9	Jordan Bledsoe, Marneshia Richard, Ben Tatum, and Brian Hall	Best Job Ever! Why I Love Working for the Corps (10 minutes each) Introduction of Candidates for Director
Nov 16	Life Member Recognition	and - The Candidates Speak
Nov 23	Thanksgiving week	No meeting
Nov 30	Danny Ward	Memphis Metro Project - Fast Track to Federal Aid
Dec 5	Super Duper 2015 Christmas Luncheon	See <u>Invitation</u>
Dec 7	No Meeting	(Recouperating from Friday)
Dec 14	Society of American Military Engineers Meeting Congressman Steve Cohen	"Surface Transportation Bill and Other Issues" PDH
Dec 22	No Meeting	Merry Christmas
Dec 29	No Meeting	Happy New Year

2014

Jan 6	Mr. John Buxton	A Day on Skis
Jan 9 Thurs	'Christmas' Luncheon Same Time - Same Place	11:30 am Postponed from Dec 6th Ice Storm Download Event Flyer
Jan 13	President George Barnes	The "State of the Club" Address
Jan 20	Holiday no meeting	Martin Luther King
Jan 21	Board of Directors Meeting	Election of Officers - 6:00 pm Holiday Inn - Univ of Memphis
Jan 30	Mr. Paul Gavin Advanced Drainage Systems	Polypropylene Storm Sewer Pipes - an Alternative to Concrete Concrete Pipe PDH
Feb 3	John Cameron P.E.	City Engineer - City of Memphis
Feb 8	MJEC	Student Contest at Southwest TN CC, Macon Cove Campus - rescheduled to Feb 22.
Feb 11 Tuesday	Evening Meeting 6:30 pm social - 7:15 Dinner Served University of Memphis Holiday Inn	Centennial Celebration 100 years 1914-2014 Jerry Olds - Chairman
Feb 18	Board of Directors Meeting	5:30 Reaves Firm Conference Room
Feb 19 Wednesday	Engineers' Week Luncheon Univ of Memphis Holiday Inn	Dr. Andrew Meyers, Vice Provost for Research, University of Memphis
Feb 24	Mr. David Salyers, PE West Tennessee River Basin Authority	Watershed Management in West Tennessee PDH
Mar 3	Postponed due to bad weather - (See Apr 21)	Stormwater Monitoring Results from the CBU Soccer Field Detention Area PDH
Mar 10	Ryan McDaniel of A2H	Seismic Bracing of Non-Structural Building Components PDH
Mar 17	Dr. Ash (fellow Club Member) Geotechnology	Dynamic Pile Testing PDH
Mar 18	Board of Directors meeting	5:30 pm Reaves Firm conference room
Mar 24	Kyle Wagenschutz City of Memphis	The Green Lane Project: A New Path Forward for Bicycling in Memphis
Mar 31	Mike Clay Gresham Smith Partners	Repairing the Mississippi River Levee with Dredged Material after the Historic 2011 Flood PDH

Apr 7	John Greaud - MSCAA	Memphis International Airport ♦ Past, Present, and Future PDH
Apr 14	John Lancaster - MATA	Intelligent Transportation Systems Plus
Apr 15	Board of Directors meeting	5:30 pm Reaves Firm conference room
Apr 21	Dr. Lin Christian Brothers University	Stormwater Monitoring Results from the CBU Soccer Field Detention Area PDH
Apr 28	Tim Staley - Viridian Consultants	Energy Efficiency ♦ The Next Opportunity in Healthcare Facilities PDH
May 5	Randy Richardson Port of Memphis, Executive Director EDGE, V. P. Port & Industrial Properties	The Port of Memphis - Developing the Future
MAY 8	Centennial River Cruise	See details above
May 12	Jim Heirigs; Memphis Zoo, Construction Manager	Design and development of the latest zoo exhibit - Zambezi River
May 19	Heather Kraus, P.E. Kimley-Horn and Associates	Preliminary design of the new I-240 ♦ Airways interchange
May 20	Board of Directors Meeting	5:30 pm Reaves Firm conference room
May 26	Memorial Day	No Meeting
June 2	Tommy Pacello Mayor's Innovation Delivery Team	Tactical Urbanism 101: Short Term Action, Long-Term Change
June 9	Josh Whitehead Shelby County Office of Planning and Development	ULI Rose Fellows Land Use Challenge: Transforming the Memphis Medical Center into an Innovation District
June 11	Redbirds	Centennial Event - Night with the Redbirds (see above)
June 16	Dusty Mays and Doug Swett Kimkey-Horn	Shelby County Congestion Management Program update
June 17	Board of Directors meeting	postponed
June 23	Frank Ricks - LRK	Designing with Health in Mind (PDH)
June 30	Pong Malasri, PhD Christian Brothers University	Healthcare Packaging Consortium: A university - industry partnership (PDH)
July 7	Dick Gadomski, Century Wealth Management	Engineering, Entrepreneurship and paying it forward
July 14	Dr. Stephanie Ivey, University of Memphis	West TN STEM Hub: Progress, Challenges, and Opportunities for Engagement
July 15	Board of Directors Meeting (note new location)	5:30 PM in the Bucharth-Horn offices at 3150 Lennox Park Blvd., Suite 300

July 21	Charles Harris, Fisher Arnold	Hydraulic Modeling of the Proposed Railroad Embankment Expansion in the Mississippi River Floodway, Presidents Island (PDH)
July 28	Andy Kitsinger, AICP-AIA, The Development Studio	Infrastructure Planning & Alternative Transportation Projects. (PDH)
Aug 4	John Buxton P.E. (R)	Groundwater Recharge, Then and Now (PDH)
Aug 11	Dr. Gerald Byrnes & Ms. Jennifer Stabenow, MS, RVT The University of Tennessee Health Science Center	Regional Biocontainment Laboratory
Aug 19	Board of Directors Meeting	5:30 PM at 3150 Lennox Park Blvd., Suite 300 in the Buchart-Horn offices.
Aug 18	Brian Blake, Central US Earthquake Consortium	TN S.A.V.E.- Engineers and October 'SHAKEOUT'
Aug 24	Col. Jeffrey Anderson, Commander USACoE-MVM	Mission(s) of the Corps
Sept 1	Labor Day	No Meeting
Sept 8	James B. Warberg, Jr., P.E. Electric Matrix Planner Coordinator ♦ MLGW	Substation 3 Retrofit and Modernization Project (PDH)
Sept 12	Golf Tournament	Rained out see reschedule below
Sept 15	Tom Needham, P.E. Director - Darren Sanders, P.E. Shelby County Public works Division	Fite Road Bridge over RR and Realignment at Highway 51
Sept 17	Board of Directors Meeting	5:30 PM - Reaves Firm 6800 Poplar Ave., Suite 101 in Atrium 1
Sept 22	Max Shilstone - Clean Line Energy	Plains and Eastern Clean Line Energy Project (PDH)
Sept 29	Eddie Bolton - Keith Lusk RamJack of Tennessee	Stabilizing Foundations: the Memphis Pyramid and Other Projects (PDH)
Oct 6	Tracy James and Elizabeth Burks, USACOE	Water Supply in Eastern Arkansas (PDH)
Oct 7	Centennial Fall Family Event	Tour of Fed Ex Forum download Event Flyer
Oct 13	Rodger Aitken, PE, NSA	Navy in the Mid-South (PDH)
Oct 17	Rescheduled Event	Centennial Year Golf Tournament at Cherokee Valley Golf Course.
Oct 20	Club Member, Allen Cox, PE, DIPRA	Corrosion and its Control (PDH)
Oct 21	Board Meeting	5:30 pm at the Reaves Firm offices, 6800 Poplar Ave., Suite 101 in Atrium 1.
Oct 27	Lakeland Mayor Wyatt Bunker	Lakeland Developments
Nov 3	Tony Darkins	GE Aviation and Composite Materials

Nov 10	ECM Business	<ul style="list-style-type: none"> - Honor the 2014 selectee for Life Member Achievement Award. - New Life Members will be recognized. - Candidates for the Director Class of 2017 will be introduced.
Nov 17	Club Member Mike Clay, PE, Gresham, Smith and Partners	Snake River Hydroelectric Dams and Fish Passage (PDH)
Nov 18	Board Meeting	5:30 pm at the Reaves Firm offices, 6800 Poplar Ave., Suite 101 in Atrium 1.
Nov 24	Patti Smith - Memphis Fast Forward	Five Wishes
Dec 1	Sam Henry - Dalhoff Thomas Design Studio Joel Morrill - Corradino Group	Winners of the recent Low Impact Development contest (PDH)
Dec 5	Super Duper 2014 Christmas Luncheon	See <u>Invitation</u>
Dec 8	No Meeting	(Recouperating from Friday)
Dec 15	Brad Davis - Black & Veatch	NASSCO Sewer Assessments: Coding what you see when you CCTV (PDH)
Dec 22	No Meeting	Merry Christmas
Dec 29	No Meeting	Happy New Year

2013

Jan 7	John L. Buxton PE	Renovation of a 110 Year Old Railroad Tunnel or "How I Became an Expert" PDH
Jan 14	President Charles Thompson	The 'State of the Club' Address
Jan 21	Holiday no meeting	Martin Luther King
Jan 22	Board of Directors Meeting	Election of Officers - 6:00 pm Holiday Inn - Univ of Memphis
Jan 28	David Arellano, Ph.D., P.E - Univ. of Memphis Faculty Advisor, Student Chapter Engineers Without Borders-USA	Presentation from student chapter on Engineers Without Borders Watch the video here
Feb 4	No Speaker	
Feb 9	MJEC	Student Contest at Southwest TN CC, Macon Cove Campus.
Feb 11	Gene Kaercher PhD Barnhart Crane and Rigging, Inc.	Mobile Crane Safety - An Overview PDH
Feb 20 (Wednesday)	Engineers' Week Luncheon Univ of Memphis Holiday Inn	Federal Express Senior Vice President Mark Yerger
Feb 25	Dorchelle Spence Riverfront Development Corporation	Beale Street Landing - Rolling on the River
Feb 26	Board of Directors Meeting	5:30 Reaves Firm Conference Room
Mar 4	Stephanie Ivey PhD. University of Memphis	West Tennessee STEM Collaboratory: Partnering for STEM Success
Mar 11	Windall Lancaster and Eddie M. Lancaster with special guest speaker Robert Kincade, Owner and Founder of Stonebridge Capital Advisors	Finding Income in a Low Yield Environment
Mar 18	Bob Scoff, PE (ECM Member)	The Ethics of Air and Water With Respect To the NSPE Code of Ethics PDH
Mar 25	Ryan Miller, PE	A Reintroduction to Cured-In-Place Piping (CIPP), Its Best Uses as a Fully Structural Piping Rehabilitation Method, and Specification Safeguarding PDH
Mar 26	Board of Directors Meeting	5:30 Reaves Firm Conference Room
April 1	John L. Williams, PhD Professor of Biomedical Engineering Univ of Memphis	Knee Dynamics ♦ In Vitro and In Vivo Testing vs. Computational Modeling PDH

April 8	Susan Fentres, J.D. Harris, Shelton, Hanover and Walsh	America Invents Act of 2013; Sweeping Changes to U.S. Patent Law - How it Affects You as an Inventor PDH
April 15	Billy Freeman, West TN TEMA	Emergency Communications in Disasters
April 22	Peng Lee, Homesafe Inspections	Infrared Home Inspection Technology PDH
April 23	Board of Directors Meeting	5:30 Reaves Firm Conference Room
April 29	Billy Allen, P.E. MLGW	Electrical Substations: Major Equipment PDH
May 6	Dr. Warren Haggard	Update on DOD's Infection Prevention Research
May 13	Chris Peterson - GrowMemphis	Sustainable Food Systems
May 20	Scott Schoefernacker - Ground Water Institute	Use of Electrical Resistivity in Delineating a Leachate Plume at the Former Shelby County Landfill in Memphis, Tennessee PDH
May 27	Memorial Day	No Meeting
May 28	Board of Directors Meeting	5:30 Reaves Firm Conference Room
June 3	Bob Scoff, P.E.	The Ethics of Air and Water - Part 2 PDH
June 10	Matthew Brown, Program Manager, TVA Renewable Energy Programs	TVA's Renewable Energy Programs and How they fit into TVA's Renewable Strategy PDH
June 17	Dr. Richard Sweigard, Ph.D., P.E. Dean Of Herff College of Engineering	"The Herff College of Engineering at the Midpoint of its First Century" and his vision for the college's future
June 24	John Daho, P.E., Supervisor of Sys Ops Support, MLGW	NERC Critical Infrastructure Protection for Utility Cyber Assets PDH
June 25	Board of Directors meeting	5:30 Reaves Firm Conference Room
July 1	James Collins PE Kimley-Horn and Associates	Traffic Signals 101 PDH
July 8	Nicholas Brown of Fischer & Arnold	Arc Flash: Understanding the Unknown PDH
July 15	Todd Richardson Crosstown Development Project	Redevelopment of the Sears Crosstown Building
July 22	Zach Daniel of CDM Smith	Wastewater Disinfection Techniques and Study at Memphis Plants PDH
July 23	Board of Directors meeting	5:30 Reaves Firm Conference Room
July 29	Dr. Larry Moore of the University of Memphis	Biological Wastewater Treatment 101 PDH

Aug 5	Dr. Mitch Withers of the U of M Center for Earthquake Research & Information	Earthquake Monitoring in the Central and Southeast U.S PDH
Aug 12	Rev. Dr. Scott Morris Church Health Center	Health Care for the Uninsured Working Poor in Memphis
Aug 19	Matt Mcleane and Ben Lee	Cargill Expansion Project PDH
Aug 26	Greg Maxted and George Holliday	Harahan Bike trail and Main to Main PDH
Aug 27	Board of Directors meeting	5:30 Reaves Firm Conference Room
Sept 2	HOLIDAY - No Meeting	Labor Day
Sept 9	Matt Dorsey, PE with PSI	Case Study of Large Diameter Grain Bins Along the Mississippi River PDH
Sept 16	Andrew Maybee, PE Concrete Paving Association of Tennessee	Roller Compacted Concrete ♦ Applications, Design and Construction PDH
Sept 23	Joellyn Brazile TDEC Memphis Environmental Field Office	Division of Water Resources Update
Sept 24	Board of Directors meeting	5:30 Reaves Firm Conference Room
Sept 30	John Zeenah	Mid-South Regional Greenprint Vision Plan
Oct 7	Lissa Thompson Ritchie Smith Associates	Sustainable Site Features of the Ray and Joan Kroc Community Center [PDH]
Oct 14	Dave Rosenbaum	Methodist Hospitals [PDH]
Oct 21	Jim Dorman	Nucor Plant Tour [PDH]
Oct 22	Board of Directors meeting	5:30 Reaves Firm Conference Room
Oct 28	Dr. Brian Waldron, UM Ground Water Institute	Ground Water, A Valuable Resource
Oct 4	Michael W. Taylor, MLG&W Head of LNG/CNG Sales and Marketing	Alternative Fuels @ MLG&W-CNG & LNG PDH
Nov 11	President Barnes	Introduction of candidates for the Board -and- Honor Life Members
Nov 18	Adrienne Johnson, Director-Research Greater Memphis Chamber	Regional Economic Development & GIS
Nov 19	Board of Directors meeting	5:30 Reaves Firm Conference Room
Nov 25	Allen Long, PE	MLGW/DOE Smart Grid Network Automation Project PDH
Dec 2	Alex Ray of SSR	The I-40/I-240 project and its importance to the region and economy PDH

Dec 6	Christmas Luncheon - POSTPONED	Download Event Flyer
Dec 9	No Meeting	Recouperatingn from last Friday's gala
Dec 16	Dr. Calvin Abernathy of Mid-South Consulting	Three Rivers SWMA Generator Project near Pontotoc, MS. This generator produces 999 kW of electricity from biogas obtained from the Three Rivers Regional Landfill. This project won the 2013 ACEC Grand Conceptor Award in Mississippi this year, and it is the first of its kind project in Mississippi. PDH
Dec 23	No Meeting	Merry Christmas
Dec 30	No Meeting	Happy New Year

2012

Jan 2	No meeting	Happy New Year
Jan 9	John R. Barker, PhD Chief of Staff Memphis City Schools	Update on the School Merger
Jan 16	No Meeting	Martin Luther King Day
Jan 23	Bill Gavin - ECM President	State of the Club
Jan 24	6:00 Board Meeting	Holiday Inn Univ of Memphis
Jan 30	Forrest Artz, CFO Memphis/Shelby Co. Airport Authority	Memphis International Airport operations
Feb 6	Tom Needham P.E.	Director of Public Works - Shelby County
Feb 13	John Cameron P.E.	City Engineer - City of Memphis
Feb 21	5:30 Board of Dircetors Meeting	Reaves Firm Conference Room
Feb 22 (Wed)	Jerry Collins P.E. President - Memphis Light Gas and Water	Engineers' Week Luncheon
Feb 28	Josh Whitehead AICP Planning Director	Memphis and Shelby County Office of Planning and Development PDH
March 5	Bob Nations	Office of Preparedness Overview
March 12	Benny Lendermon	Riverfront Development
March 19	Steven Barry	New Madrid Floodway Operation PDH
March 26	Jim Covington, Memphis Area Chamber of Commerce	Memphis Aerotropolis & Empowerment Zone
March 27	5:30 Board of Dircetors Meeting	Reaves Firm Conference Room
April 02	Dr. Sharam Pezeshk, PhD, P.E. The University of Memphis	New Madrid Earthquake Hazard and Memphis Area Earthquake Engineering: The Hernando Desoto Bridge PDH
April 09	David Deleeuw, PE, TRC Engineers, Inc.	Seismic Retrofit of the I-40 Bridge over the Mississippi River Those interested can then drive to the Pyramid South Parking lot (accessed the same way as the Tennessee Visitor Center) for an explanation of the retrofit. Binoculurs might be handy.
April 16	Paul Gavin	Learn how custom mezzanines help you maximize your footprint and increase productivity.

April 23	Brian Blake Central US Earthquake Consortium (CUSEC)	Earthquake Hazards and Implications in the Central U.S.
April 24	5:30 Board of Directors Meeting	Reaves Firm Conference Room
April 30	Dr. C Jia, The University of Memphis Mr. Jim Holt, Shelby County Health Department	Reducing Exposure to Airborne Chemical Toxics (REACT) Via Community-Scale Air Monitoring in Memphis PDH
May 7	Geoff Green, Greene Turbine, LLC	Update on the Greene Turbine PDH
May 14	Paul Young, Office of Sustainability Memphis and Shelby County Government	Sustainability Initiatives for Memphis and Shelby County
May 21	Peter Calandruccio, Light Wave Solar	Solar Industry Update and the Memphis Agricenter Solar Array Project PDH
May 22	5:30 Board of Directors Meeting	Reaves Firm Conference Room
May 26	Engineers' Club Picnic	Bartlett City, Ellendale Park Pavilion See Above and also Click on the Directions
May 28	NO MEETING	Memorial Day
June 4	Tommy Dunlap PE	Historic Geology of the Mid-South PDH
June 11	Dmitry Ozeryansky, PE	South Main Seismic Project PDH
June 18	Judith Johnson	Engineering Modernism
June 25	Rob Hunter PE	How to Measure Run Courses
June 26	5:30 Board of Directors Meeting	Reaves Firm Conference Room
July 2	NO MEETING	Preparing for the 4th celebrations
July 9	Ms. Sue Henley-Fleming President of Bluff City GPR	Ground Penetrating Radar PDH
July 16	Mr. Matt Caskey, P.E. Geopier Foundation Company	Geopiers and Recent Advances PDH
July 23	Mr. Keith Brown Member of The Memphis Yacht Club	History of the Memphis Yacht Club
July 24	Board of Directors meeting	5:30 Reaves Firm Conference Room
July 30	Mr. John Lancaster Manager of Planning, MATA	Project Update

Aug 6	Heather Koury, Executive Director American Institute of Architects	AIA Memphis - History and Activities
Aug 13	Reid Dulberger, President/CEO Economic Development Growth Engine (EDGE) & Chief Economic Development Officer Memphis/Shelby Co.	The New EDGE
Aug 20	Philip Lim, P.E. - Chairman of TN Board of Architectural and Engineering Examiners	Regulations, Developments and/or trends PDH (be prepared to take a test)
Aug 27	Becky Williamson - MLG&W	MLG&W Smart Grid Demonstration
Aug 28	Board of Directors meeting	5:30 Reaves Firm Conference Room
Sept 3	Labor Day Holiday	No meeting.
Sept 10	Dr. Marty Lipinski, University of Memphis Intermodal Freight Transportation Institute	Regional Intermodal Freight Transportation in the 21st Century
Sept 17	Professor Bob Smalley, University of Memphis Earthquake Center	Glacial Isostatic Adjustment in Patagonia: An Interaction of Climate and Tectonics PDH
Sept 24	Mr. Bob Rogers, PE Shelby County Health Department	Reciprocating Internal Combustion Engine (RICE Rule) Pollution PDH
Sept 25	Executive Board meeting	5:30 PM in the Reaves Firm Conference Room.
Oct 1	Scott Morgan, City of Memphis	Gayoso Trash Interceptor Design and Operation
Oct 8	Pragati Srivastava Executive Director, MPO	The Roles and Functions of the Memphis Metropolitan Planning Organization (MPO)
Oct 15	Steve Auterman, with LRK	Overview of the Overton Square Revitalization Plan
Oct 22	Andy Pinkley PE with Buchart-Horn and representative from TDOT	Phase II of the I-40/I-240 Interchange PDH Program-Power Point Presentation
Oct 23	Board of Directors Meeting	Reaves Firm Conference Room
Oct 29	Justin Avent PE with SSR	Using Dynamic Stormwater Modeling to Plan and Design a Regional Stormwater Detention Basin in Collierville, TN PDH
Nov 5	Robert L. Gosciewski US Corps of Engineers	Millington Logistics Activity

Nov 12	George Barnes Bob Tvedt	Life Member Recognition & New Director Nominations
Nov 19	NO MEETING	Thanksgiving week
Nov 26	Steve Chipman Tenn Dept of Transportation	I-55 / Crump Boulevard Interchange PDH
Nov 27	Board of Directors Meeting	Reaves Firm Conference Room
Dec 3	Mr. Eric Harris, Memphis City Schools	STEM Program (Science, Technology, Engineering, and Mathematics)
Dec 7	Christmas Luncheon	Holiday Inn - Univ of Memphis - Shelby Room - See Details above
Dec 10	No Meeting	Recuperate from Friday's Gala
Dec 17	John L. Buxton PE	Renovation of a 110 Year Old Railroad Tunnel - Design Considerations PDH
Dec 24	Holiday	No Meeting
Dec 25	Board of Directors Meeting	North Pole (OK - no meeting :-)
Dec 31	Holiday	No Meeting

2011

Jan 3	NO MEETING	too much football HAPPY HOLIDAYS
Jan 10	NO MEETING	CANCELLED
Jan 17	NO MEETING	Martin Luther King Holiday
Jan 24	President McIntyre	STATE OF THE CLUB ADDRESS
Jan 25	Board Meeting	Holiday Inn - small meeting room
Jan 31	Allen Cox, PE, DIPRA	"Horizontal Directional Drilling with Ductile Iron Pipe" PDH
Feb 7	Angela Horton TDEC Division of Solid Waste Management	Environmental Cleanup Guidelines for Transportation Related Petroleum Spills PDH
Feb 14	Josh Whitehead, Deputy Director Memphis & Shelby County Office of Planning and Development	Planning and Engineering Anomalies and Anachronisms
Feb 23	Grand Luncheon	Mr. Jose Matienzo NASA Manager Launch Services Support Exploration & Development Office
Feb 22	5:30 Board Meeting	Reaves Firm Conference Room
Feb 28	John Cameron PE City Engineer, Memphis, TN	Subject TBA
Mar 7	Joey Woodard, Director of the Tennessee Wildlife Resources Foundation and with the Tennessee Stream Mitigation Program	Overview of the stream mitigation program including case studies and natural channel design (PDH) .
Mar 14	Oliver Boyd and Dr. Nico Luco with USGS	Seismic hazards and provisions of the building codes (PDH) .
Mar 21	John Lancaster with City of Memphis Transit Authority	Planning and construction of MATA's South Intermodal Terminal and updates on other current projects and plans (PDH) .
Mar 22	5:30 Board Meeting	Reaves Firm Conference Room
Mar 28	David Sirmans, Chief Counsel with the Memphis District Corps of Engineers	Engineering Ethics (PDH)
Apr 4	Jeff Old, PE - Senior Civil Engineer Pickering Firm, Inc.	Patriot Lake Expansion Project in Shelby Farms PDH
Apr 11	Jim Waters, PE, PLS - Assistant Director Design Support Unit, Design Division TDOT	Digital Signatures

Apr 18	Stan Klenk, PE - Vice President - Allen & Hoshall	Status and Schedule & Large Construction Site Liability for Project: SR 385/I-269, Macon Road to Poplar Avenue PDH
Apr 25	J. Ritchie Smith, ASLA Principal Ritchie Smith Associates	Shelby Farms Greenline A seven mile greenway through the heart of Memphis PDH
Apr 26	5:30 Board Meeting	Reaves Firm Conference Room
May 2	Drayton Mayers Team Logic IT	Information Technology
May 9	Barry Minatra Grid Source LLC	Intelligent Energy Technology
May 16	Allen H. Cox, PE Ductile Iron Pipe Research Association	Ductile Iron Pipe in Deep Trench Installations PDH
May 23	Kirsten King Engineering Support Fed Ex	Field Trip to FedEx Express Sort Facility in Olive Branch, MS. Lunch and program at Half Shell Restaurant 7725 Winchester Road at 11:15 A bus will be provided to and from the sort facility.
May 30	No Meeting	Memorial Day Holiday
Jun 6	Mr. Richard Bowker, Manager Information Services MLG&W	Electric Vehicle Infrastructure Demonstration & Evaluation Program
Jun 13	Mr. Kyle Wagenschutz, Bikeway/Pedestrian Coordinator Metropolitain Planning Organization--City of Memphis Engineering	Regional Connectivity: Pedaling the Future Focus on connecting various communities by efficient, safe, and well-designed bicycle corridors through regional planning, cooperation, and consistency.
Jun 20	Mr. David Settlemyer, BLUERIDGE Analytics	"Don't Just Survive-Thrive: Winning Business with SITEOPS®" PDH
Jun 21	5:30 Board Meeting	Reaves Firm Conference Room
Jun 27	Ms. Heather Kraus, P.E. Transportation Division Smith Seckman Reid, Inc.	Kirby Whitten Parkway--Where we are and Where we are going
Jul 4	INDEPENDENCE DAY	no meeting
Jul 11	Greg Maxted P.E. [ECM member]	Harahan Bridge Project PDH
Jul 18	Frank Gianotti P.E. [ECM member]	Downtown Story Revisited
Jul 25	Jim Dorman PhD [ECM member]	Apollo 11 Lunar Seismic Experiment
Jul 26	Board of Directors meeting	

Aug 1	Vaughn Cassidy (TDEC)	Recycling
Aug 8	Roy E. Williams, Ph.D.	Update on Surgical Techniques in Eye Surgery
Aug 15	Herb Nicholson (TDEC)	Solid and Hazardous Waste
Aug 22	Nelson Russell (US Bridge)	Vehicular Truss Bridges (PDH)
Aug 29	Paula Larson (TDEC)	Brownfields Redevelopment
Sept 5	LABOR DAY	No Meeting
Sept 12	Brad Davis with SSR Ellers	Construction projects in Afghanistan
Sept 19	John Herrmann with Tencate	Geotextiles (PDH)
Sept 26	Terry Templeton - TDEC Water Pollution Control	The New Construction General Permit (PDH)
Sept 27	Board of Directors meeting	5:30 pm Reaves Firm Conference Room
Oct 3	Chris Masin, PE (Shelby County)	"Shelby County Storm Water Program" (PDH)
Oct 10	Peter Dyke - Managing Director Alliance for PE Pipe	HDPE Piping systems are one of the nation's answers to addressing complex infrastructure issues. (PDH)
Oct 14	ECM Golf tournament	Cherokee Valley Golf Course, Olive Branch, MS
Oct 17	Dr. Dennis Truax, PE Mississippi State University	"True Cost Accounting for Civil Engineering Projects" (PDH)
Oct 31	Highwoods properties - Tour of 6070 Poplar	The building is a multi-tenant office building located at 6070 Poplar Avenue. Our tour will include a discussion of factors leading to LEED accreditation with viewing of several of the features of the building that are unique.
Nov 7	Drake Danley P.E. - Kimley Horn	Wolf River Boulevard Extension - Germantown
Nov 14	Bob Tvedt - Past President Bob Sweeney - Past President	Life Member Day - Lifetime Achievement award - Lewis Wood Special Event Announcement Nominations for Directors Announced
Nov 21	Tony Poteet - University of Memphis Hugh Teaforad P.E. - City of Memphis Ben Ledsing P.E. - SSR Memphis	Central Avenue Improvememts at University of Memphis PDH
Nov 28	Richard Merrill P.E. Memphis City Traqqfic Engineer	The Present and the Future in Traffic Control
Nov 29	Board of Directors meeting	5:30 pm Reaves Firm Conference Room

Dec 2	Engineers' Club Christmas Luncheon	See details above
Dec 5	No meeting	(still recovering from Friday's Gala)
Dec 12	Mr. Harvey Matheny, P.E. and Mr. James Collins, P.E. Kimley-Horn and Associates, Inc.	Environmental Impact Statement for a new multi-modal transportation corridor and Mississippi River crossing in the Memphis area The Southern Gateway - Crossing the River, Connecting America PDH
Dec 19	Dr. Stephanie Ivey Ph.D. The University of Memphis Department of Civil Engineering	Complete Streets/Context Sensitive design Walkable Communities: National Best Practices and Applications in Memphis, TN. PDH
Dec 26	No Meeting	Happy Holidays

2010

Jan 04	No Meeting - Football	
Jan 11	LTC Tim Marshall, Deputy Commander of the Memphis District, U.S. Army Corps Engineers	Army Engineer Units in the War on Terror PDH
Jan 18	Holiday - Martin Luther King	
Jan 25	Annual Meeting - (Year end recap)	
Jan 26	Board Meeting at Holiday Inn (same location as regular meeting)	Election of Officers
Feb 01	Tom Fox, Memphis Area Transit Authority	"The Importance of Public Transportation in Today's Economy."
Feb 08	Nathan Luce, P.E., Memphis-Shelby County Airport Authority	"The Master Plan and What It Means for The Traveling Public."
Feb 17	Chad Anderson, Chief Engineer for the Southern Region of CN Railway	"The Continuing Importance of the Railroad to the Transportation Industry."
Feb 22	Don McCrory, Executive Director, Port of Memphis and Captain Michael Gardiner USCG, Commander of Group Lower Mississippi and Captain of the Port, Memphis	"Security on the Mississippi - How Safe Are We?" PDH
Mar 15	Energy guru Becky Williamson	has a presentation on TVA's new commercial program, "Incentives and Opportunities for Commercial Energy Retrofit Projects" PDH
Mar 22	Kieth Kulow, HERS	will give a presentation entitled "EcoBUILD and Energy Efficiency Advances in Residential New Construction." He will focus on MLGW's successful EcoBUILD green building program PDH
Mar 29	Norman Griffin of Dixie-Solar, Calhoun City, Mississippi is our solar practitioner/ speaker	Norman will explain how Grid-Tied Solar can work in our favor and help TVA meet their "Peak Power Demand". Solar Power puts power into the Grid during the Time TVA buys power from other Power companies at premium rates.
Apr 5	Roger Allan	"Mitigation under the Corps Permit Program" Roger will discuss the requirements for compensatory stream and wetland mitigation under the 2008 Corps/EPA Mitigation Rule. PDH
Apr 12	Mike Sheridan	"Lake Borgne Surge Barrier in New Orleans". A look at the design and construction of the Greater New Orleans Hurricane Storm Damage Risk Reduction System (HSDRRS): the Inner Harbor Navigation Canal (IHNC) Surge Barrier. PDH

Apr 19	Jim McNeil and Robert Dunn	"Section 106 Compliance and Tribal Coordination". Jim and Robert will present a discussion of Section 106 of the National Historic Preservation Act and how it affects Memphis District (all federal) projects and consultation with American Indian tribes. PDH
Apr 26	Steve Barry	"Corps of Engineers flood fighting". Steve will present the Birds Point New Madrid Floodway - its operation and role in flood protection along the Mississippi River south of the Ohio River confluence. PDH
May 3	David Montague	Memphis Teacher Residency program
May 10	Melissa Grace	Erosion Control and Slope Stabilization using Turf Reinforcement Mats PDH
May 17	Mike Oakes, PE County Engineer	Designing with Turnabouts
May 24	Phillip Lynn	Collierville Stormwater PDH
May 31	NO MEETING	Memorial Day
Aug 2nd	Russell Rackley, PE Civil Solutions of Greenleaf 3D	Leverging the power of Building Information Modeling in Engineering and Construction PDH
Aug 9th	Jeff Lentz, PE Senior Design Engineer Ramcon-Fiberlok, Inc.	Nonwoven products - Undercover Operations PDH
Aug 16th	Susan Fentress, Atty. Harris, Shelton, Hanover & Walsh	Basics of Intellectual Property Rights PDH
Aug 23rd	Darek Baskin, PE City Engineer Planning and Economic Development City of Millington	May 1, 2010 - Flood Impact on Millington, TN
Aug 24th	Board of Directors meeting	5:30 pm Reaves Firm conference room
Aug 30th	Susan Fentress, Atty. Harris, Shelton, Hanover & Walsh	Intellectual Property Rights Issues for Cross Border Production or Sourcing PDH
Sep 6	NO MEETING	Labour Day holiday
Sep 13	Tom Marshall, Marshall & Assoc.	outlines "Tiger Lane," a new tailgate trail leading to LBMS at the Fairgrounds.
Sep 20	Allen Cox ECM member & rep. w/ the Ductile Iron Pipe Research Assn.	plans to speak on "Stray Currents." PDH
Sep 27	Julie Ellis Butler, Snow, PLLC	will explain the 2 Nov 2010, public referendum on the proposed SC consolidated government.

Oct 4th	Dr. John Barker with Memphis City Schools	State of Memphis City Schools Forum
Oct 11th	Club Member Joe Tomasello, PE	"Current Memphis-Shelby County Earthquake Policy" PDH
Oct 15th	Engineers' Club Golf Tournament	see details above
Oct 18th	Club Member Bob Scoff, PE	"AC-DC Motor Control" PDH
Oct 25th	Field Trip to Burlington Northern Santa Fe multi-modal rail facility	There will be no meeting at at the Holiday Inn Details will follow.
Oct 26th	Board of Directors meeting	5:30 pm Reaves Firm conference room
Nov 22	Dr. John Hochstein Univ. of Memphis Mechanical Eng. Chair	"Sea Turbines"
Nov 23	Board of Directors meeting	5:30 Reaves Firm Conference Room
Nov 26	Deadline for Christmas Reservations	See Details above
Nov 29	Jim McDougal DeSoto County Planning Commission	"I-269 Corridor Development"
Dec 3	ECM Christmas party at the U of M Holiday Inn	See Details Above
Dec 6	NO MEETING See December 3rd.	
Dec 13	Ms. Kirsten King, FedEx Express	'ROADS', a multi-year project to minimize drivers' delivery time
Dec 13	Election of Directors	
Dec 20	Program Chairman Marty Miller, PE	What's Going on in the Panama Canal PDH
Dec 27	No meeting due to continuing celebrations.	HAPPY HOLIDAYS

2009

Jan 05	Carter Gray	The Memphis and Shelby County Unified Development Code - What's It All About?
Jan 12	This date is the annual meeting of the club. Reports for FY 08 are due from the directors and officers.	
Jan 19	NO MEETING.	Martin Luther King, Jr.'s birthday holiday observed.
Jan 26	Jay C. Aug hman of Allen & Hoshall	will discuss the current technology of modern land surveying. PDH
Feb 02 Ground Hog Day	Vic Young of Fisher and Arnold	will tell how to "View west TN hi-resolution aerials from your laptop. PDH
Feb 09	Mike Baker, Assistant Manager, FAA's Memphis Air Traffic Control Tower	will tell "How We Do Things".
Feb 16	KICK-OFF LUNCHEON, NATIONAL ENGINEERS WEEK	Arnold Perl - Memphis as an Aerotropolis
Feb 23	Philip Braden, Manager of the FAA's District Office (in Memphis)	will explain "Economic Impact of the FAA."
Mar 02	George Ragazzo, General Manager of Modular Gabions	will tell about "Modular Gabions and Mattresses." PDH
Mar 09	Andy Swims, P.E., County Engineer for DeSoto County, MS	will outline the I-269 project and stimulus package projects.
Mar 16	Ron Kirby, P.E., with the City of Memphis	will talk about "108-inch Cured-in-Place Sewer Pipe Rehabilitation." PDH
Mar 23	Philip Stuckert P.E. City Engineer for City of Lakeland	"Development of Construction Specifications for the City"
Apr 06	J. Higbee Growth Management Director for City of Lakeland	"New Proposed Lakeland Unified Zoning and Development Regulations"
Apr 13	John Cameron, P.E.- City of Memphis - Division of Engineering Administrator, Transportation Planning and Design	"Impact of American Recovery and Reinvestment Act and other Federal Investment on Local Infrastructure"
Apr 20	Craig Dahlgren, P.E.	"Use of plate dowels in concrete construction" PDH
Apr 27	Philip Lim P.E. MLG&W - Member of the Tennessee Board of Architectural and Engineering Examiners	"Functions and day to day practices of the Board"
May 04	Richie Smith	The "Cobble Stone Landing Restoration" project along the Memphis riverfront is his subject.

May 11	David Sparkes P.E. - Kimley Horn & Associates	The design and construction of Runway 9/27 at Memphis International Airport." PDH
May 18	Lt. Col. Tracey Ruger - Tennessee Air National Guard	"TNANG 164 th. Airlift Wing Base mission change and relocation."
May 23	MEMORIAL DAY (No meeting)	
Jun 01	Rick McClanahan, Director and City Engineer, City of Bartlett	will talk on "Plans, Projects and Systems" in that fair city.
Jun 08	Steven Wadsworth, Regional Sales Director for PolySpec/THIOKOL	"Secondary Containment Coatings"." It will be an in-depth look at those coatings for chemical storage. PDH
Jun 15	Stephen G. Slade, VP of R&D & Tech Services for Adhesives Technology Corp.	Repairing cracks in bridges using epoxy injections PDH
Jun 29	Leigh Anne Downes - Greater Memphis Chamber	Continuation of Life Science Business Development Discussion
Jul 06	Todd Graves - City of Bartlett GIS Manager	"Description and Demonstration of Bartlett's GIS System"
Jul 13	Paul Gavin - Contech Construction Products	"Contech Drainage Products" PDH
Jul 20	Ben Witt, AIA - Askew Hargraves Harcourt A2H	"Community Revitalization"
Jul 27	Mike Oakes, PE - Shelby County Engineer	"Transportation and Road System in Shelby County"
Aug 03	Jim Hammon - Architectural Wall Systems - Redi Rock Retaining Walls	"Designing more reliable retaining walls in tighter spaces" PDH
Aug 10	Darin Willis with Ram Jack Systems Distribution LLC	"Technical aspects of foundation repair" PDH
Aug 17	Bruce Irwin with Uretek Corporation	"Technical aspects of foundation repair" PDH
Aug 24	Kevin Dulin with Memphis Fire Department	Anti Neglect Division Fire Department and Environmental Court work together to clean up dilapidated buildings this presentation discusses the Fire Department's role.
Aug 31	Chris Forsythe with Versa-Lok Retaining Wall Systems	"Technical aspects of segmental block retaining walls" PDH
Sep 07	No meeting - Labor Day	
Sep 12	Family Picnic at Shelby Farms 11:00 am - 2:00 pm	
Sep 14	Chris Forsythe with Versa-Lok Retaining Wall Systems	"Technical aspects of segmental block retaining walls" PDH
Sep 21	Chuck Langston, Director, CERl	"What's New in the New Madrid Seismic Zone"

Sep 28	Fellow ECM member - Joe Tomasello PE	"Seismic Safety Provisions: Policy Considerations?" PDH
Oct 05	Fellow ECM member - Bob Sweeney, PE, LEED AP	"Conservation Design in Land Use Planning and an Introduction to LEED" PDH
Oct 12	Michael Chisamore Architecture @ University of Memphis	How Insulated Concrete Forms contribute to survivability and fit into the Ecobuild, LEED and TERRA
Oct 12	GOLF TOURNAMENT Cherokee Valley Golf Course - Olive Branch, MS	(co-event)
Oct 19	DPC Construction representative	How Insulated Concrete Forms contribute to survivability of first TERRA home. Design notes from an engineers perspective.
Oct 26	Becky Williamson @ MLGW	Ecobuild and Solar implementation and safety in grid interconnect.
Nov 02	Phillip Brandt and Ron Shirley, Euclid Chemical Co.	Structural Repair Mortars, Concrete Patching, and Concrete Slab Joint Fillers. This a hands-on seminar.
Nov 09	Candidates for Director Speak	
Nov 16	Claire Barnett, PE Ensafe	New City/County "Storm Water Management Manual" PDH
Nov 23	Life Member Appreciation Day	
Nov 30	Don Bobal, Valero Lead Chemist	"Quality Assurance and Safety ay the Memphis Refinery" PDH
Dec 04	CHISTMAS PARTY	
Dec 14	John Buxton PE(R)	"Ground Water Recharge" PDH
Dec 21	NO MEETINGS - HAPPY HOLIDAYS	
Dec 28	NO MEETINGS - HAPPY HOLIDAYS	

2008

Jan 07	Allen H. Cox, P.E. senior regional engineer (southeastern U.S.) for the Ductile Iron Pipe Research Association (DIPRA).	Ductile Iron Pipelines - Corrosion and Polyethylene Encasement PDH
Jan 14	ECM life member W.L. (Lewis) Wood	TN Board of Registration rules and regulations regarding professional licensure. PDH
Jan 21	President Bob Sweeney	ECM's ANNUAL MEETING
Jan 28	Jeffrey T. Higgs is Executive Director of the LeMoyne-Owen College Community Development Corp. (LOCCDC)	Soulsville USA - Revitalization: A Community Project.
Feb 04	Tom Burgess, Chief Engineer, TDOT's Aeronautics Division	will address airports and aviation facilities in Tennessee.
Feb 11	Morris Ray, M.D., Chief Flight Instructor at DeWitt-Spain airport (Memphis)	plans to talk about aerobatic flying.
Feb 18	ENGINEERS' WEEK KICKOFF LUNCHEON Jerry Potter.	"The Sultana Tragedy."
Feb 25	Gen'l Robert Woods, Director of TDOT's Aeronautics Division	"The Future of Tennessee Aeronautics"
Mar 03		
Mar 10	Ms Beth Wall Flanagan is Director, Memphis Medical Center	Projects in planning and/or under construction for the Memphis Medical Center.
Mar 17	Dexter Muller, Senior VP for Community Development for the Memphis Regional Chamber of Commerce	The development situation in downtown Memphis, including the potential for the use of the Pyramid
Mar 24	Brad Davis, an engineer with SSR Ellers	"Dynamic Storm water Modeling." PDH
Mar 31	Scott Notowich, Managing Director for the Stanford Financial Group	will update the club on what's transpiring at Spring Creek Ranch in Collierville, including the projected relocation of the Stanford/St. Jude golf tournament.
Apr 07	Joseph M. Spain, Tennessee Regional Manager for CONTECH Solutions	will speak on "Prefabricated Bridge Solutions: Plate, Precast & Truss." PDH
Apr 14	Mike Glasgow, P.E., regional engineer, Uni-Bell PVC Pipe Association	"Deep Burial of PVC Gravity Sewer." PDH

Apr 21	James H. Baker, a member of the Global Warming & Energy Committee of the TN chapter of the Sierra Club	"Smart Energy Solutions."
Apr 28	David L. Richardson, Tensar Specialist II with CONTCECH Earth Stabilization Solutions, Inc.	"Pavement Reinforcement from the Bottom Up." His subject will include information about the "Geogrid" material. PDH
May 05	Richard A. ("Dick") Ranta is the founding dean of the College of Communications and Fine Arts (CCFA) at The University of Memphis	The new Master of Architecture degree at the University of Memphis
May 12	Greg Dotson, P.E., ITS Construction Manager for Gresham Smith & Partners.	The programme is "The Memphis Smart-way System: Providing Real-Time Traveler Information," PDH
May 19	Ralph Comer and Larry Majors,TDOT	TDOT projects in the Memphis area.
May 26	Memorial Day observed - NO MEETING, NO PROGRAM!	
Jun 02	Matt Thompson, curator of mammals at the Memphis Zoo	will tell the club about our zoo "Becoming a World Class Zoo."
Jun 09	Ray Wofford, Special Projects Exec with ACO Polymer Products.	We will learn our "ABCs" (of trench drainage) PDH
Jun 16	Edwin McLean, Midwest Regional Engineer for CTS Cement Manufacturers	"The Evolution of Concrete Repairs and Patching: Materials and Methods." PDH
Jun 23	Jon Thompson, former "Wonders" series director, entrepreneur, adventurer and bon vivant	"The Search for Amelia Earhart."
Jun 30	Bryan Gainey, Industrial Products Manager for Sonoco Products.	"The Evolution of the Concrete Form"
Jul 07	Fellow club member, Rob Hunter	will explain how to develop and measure a "run course" for USA track and field competition.
Jul 14	Mark Mazzone, P.E., Project Engineer for Tetra Tech, Inc.	An overview of the \$40 million riverfront project on the Ohio river in Owensboro, KY. PDH
Jul 21	Wade Towles, P.E., ECM member and Assistant City Engineer of Bartlett, TN	will explore the present and planned future of that city.
Jul 28	Mike Rogers, P.E. Program director for the Mississippi Valley Division of the Mississippi River Commission.	"Levees and Insurance,"

Aug 11	Past president Bob Sweeney	will tell about his exciting Mediterranean cruise and Greece, "The Origin of the Olympics."
Aug 18	Long-time ECM member, Lewis Wood	"Engineering Ethics." PDH
Aug 25	George Gruett, Exec VP of the MS Valley Flood Control Association.	"Flood Control"
Sep 08	Phillip Brandt, VP for national business development, The Euclid Chemical Co.	"Modern Concrete Technology Seminar," "the latest in concrete mix design, macro-fiber design and a state-of-the-art flexible pavement." PDH
Sep 15	Terry Hughes of the Hnedak Bobo Group	"We Cannot Afford to Gamble with Life Safety."
Sep 22	Page Cotton, Midwest Regional Manager for Stego Industries, LLC.	"Below Slab Moisture Protection - Engineering Theory and Design." PDH
Oct 06	Bill Gavin	"Tilt-up Panel Design." PDH
Oct 13	A representative from the Memphis Area Transit Authority	will up-date the members on the initiatives of that organisation.
Oct 20	Rob Rash of the St. Francis Levee District of the U.S. Army Corps of Engineers	The "Flood Insurance Program" as proposed by the U.S. Congress.
Oct 27	Ms Lisa B. Namie, AIS, CSI, (Fleming & Associates, Architects)	Renovation work to convert the Front St. P.O. into The University of Memphis Law School
Nov 10	John G. Perry, P.E., Kimley Horn	Redevelopment of Ridgeway Trace Apartment property into a Commercial Center
Nov 17	All the candidates that are available for the three-year term of ECM director will "strut their stuff."	
Nov 24	Our own Millar boy	sez he will tell all about his engineering missions in the Viet Nam "era."
Dec 01	Col. Thomas P. Smith, District Commander, Memphis District, U.S. Army Corps of Engineers	will present arms.
Dec 05	CHRISTMAS PARTY	
Dec 15	Ms Leighann Gipson, Biologist for the Corps of Engineers, Memphis District	"The Lower Mississippi River Resource Assessment."
Dec 22	NO MEETING - HAPPY HOLIDAZE!	
Dec 29	NO MEETING - HAPPY HOLIDAZE!	