MONTHLY EVENING PROGRAMS ........................................................... Pages 2 - 3
Lectures, panel discussions, building tours, and great networking opportunities! Held on the second Tuesday of each month from 5:30 – 7:30pm. Free to USGBC-Missouri Gateway Members and students; $20 for non-members (except where noted).

IN-DEPTH SEMINARS ....................................................................... Pages 4 - 5
In-depth seminars offer extended consideration of topics our membership has expressed interest in. Ideal for individuals who are implementing and applying green building practices and principles.

FULL DAY WORKSHOPS & BLITZ ...................................................... Page 6
In 2017, we will host one full-day Continuing Education Blitz and one full-day Sustainable SITES Workshop.

LEED & WELL EXAM PREP ............................................................... Page 6
Live LEED Green Associate and WELL AP Exam Prep courses as well as online options for Green Associate, BD+C, and O+M.

SPECIAL EVENTS ............................................................................... Page 7
Find information about USGBC-Missouri Gateway’s Green Schools events, EP events, conferences and more.

MONTH BY MONTH CALENDAR OF EVENTS .................................. Page 8
U.S. Green Building Council - Missouri Gateway Chapter program topics and dates are subject to change. Additional events may be added throughout the year. For more information and to confirm schedule and fees for 2017 educational programs and events, visit www.usgbc-mogateway.org/calendar/, e-mail usgbc-mogateway@mobot.org, or call (314) 577-0225. Event registration for select events available online now at www.usgbc-mogateway.org/events/; others, coming soon. Chapter and event sponsorship opportunities are available at www.usgbc-mogateway.org/sponsorship/. Chapter membership information is available at www.usgbc-mogateway.org/membership/. This document was last updated 2/8/17.
January 10 - State of the Chapter & Social

Join us at the 2017 State of the Chapter & Social as we kick off programming for the year! This FREE event, open to members and non-members, is one of the highlights of our year. Meet Chapter members and leaders while enjoying complimentary wine, beer, and appetizers. Connect with representatives from the Board of Directors and committees. Take a look back as we revisit past accomplishments and a step forward by learning about ways you can engage with USGBC-MGC to contribute to a positive future for our community. This program does not offer any CE Hours. 5:30-7:30pm at CannonDesign, 1100 Clark Ave (63102)

February 14 - Historic Preservation & Sustainability: A Symbiotic Relationship

IN PARTNERSHIP WITH: Landmarks Association of St. Louis

SPEAKER: Walter Sedovic, FAIA LEED AP, Principal & CEO, Walter Sedovic Architects

Speaker Walter Sedovic will explore the applicability of preservation standards to our modernist heritage buildings, discuss methods of enhancing performance (energy, durability, adaptability) of heritage buildings; discuss the inherent paradox of applying National Register standards to modernist buildings; and examine architectural sustainability through a global lens involving community, culture & memory. 5:30-7:30pm at Sheet Metal Workers Local 36, 2319 Chouteau, Suite 200 (63103)

March 14 - Becoming a Performance Driven Firm

IN PARTNERSHIP WITH: AIA- St. Louis

SPEAKER: Barbra Batshalom, Executive Director, Sustainable Performance Institute

Being a top firm is about much more than getting design awards. The design community is recognizing that excellence is about design AND performance. Is your firm consistently delivering high-performance buildings? Whether or not projects are LEED certified, you can develop internal systems and processes to ensure high performance projects across your portfolio. Successful companies realize improved project performance, increased profits and happier clients through performance-driven design. This session will share frameworks, roadmaps and proven methodologies from successful firms to help attendees assess their current situation, identity strategic areas for improvement, and develop change management strategies to ensure widespread adoption of new processes and project delivery methodologies for continuous improvement. 5:30-7:30pm at Alberici, 8800 Page Ave. (63114) Also join us on March 15 for a half-day Project Delivery Mapping Workshop with Barbra Batshalom.

April 11 - 10th Annual Green Schools Event

47 schools are participating in the 2016-17 Green Schools Quest. At each school, Green Teams are hard at work devising and implementing - with the help of a USGBC-MGC Green Mentor - creative, effective and no or low cost sustainable practices for their school. Join us at the 10th Annual Green Schools Event, taking place as our April program, when we’ll announce the winners and celebrate participants of the 2016-17 Green Schools Quest! Several winning schools will take the stage to tell the fun and inspiring stories of their experiences. Additionally, attendees will find out how they can participate in the 2017-18 Green Schools Quest, as schools or mentors. 5:30-7:30pm, Location TBA. FREE for all attendees.

May 9 - Green Building Showcase

The 2017 Green Building Showcase will feature buildings from several different green building rating systems. We will get the inside story of a building pursuing WELL Building Certification, we will see the progress UNIGROUP has made on the 25x20 Energy Benchmarking Challenge and see how they earned their Energy Star Certification, and finally we will learn about the progress being made on a major renovation for the LEED certification of The Armory District. 5:30-7:30pm at Sheet Metal Workers Local 36, 2319 Chouteau, Suite 200 (63103)
June 13 - TBA

Stay tuned for more information about our June 2017 program.

July - LEED Tour: Spire Building at 700 Market

Our Annual Green Building Tour will feature Spire’s new office space at 700 Market in St. Louis. The repurposed Postmodern building which is on the National Register of Historic Places, received LEED Gold certification in summer 2016. Green design and construction features at Spire include: use of materials with low-volatile organic compounds and recycled building materials, energy-saving LED lighting throughout the building, an automated window shade system that adjusts based on light, season and room usage, water conservation efforts such as water bottle filling stations and water efficient faucets, water purification system, lighting that maximizes daylight and adjusts based on room usage, diversion of more than half of the construction waste from landfills, and strong internal recycling protocols.

5:30-7:30pm at Spire Building, 700 Market (63101)

August 8 - The Value of Energy Analysis, from Design Day One

IN PARTNERSHIP WITH: ASHRAE - St Louis Chapter
SPEAKER: Chris Baker, Principal, The Weidt Group

This interactive program will provide attendees with a charrette experience for evaluating and driving building energy performance—to analyze results in real time, as early as pre-design. During this session, volunteer participants act as design team members from all disciplines, working with real building characteristics and an actual building design. Using an analysis approach that assists with a cost benefit discussion, the participants will assemble “bundles” of selected energy efficiency measures to play out what-if scenarios, discussing the merits and challenges of each bundle. This program, with live tools and facilitation, will demonstrate an effective method for guiding energy decision-making during early design, towards achieving higher efficiency goals and increasingly stringent energy codes.

5:30-7:30 pm at Sheet Metal Workers Local 36, 2319 Chouteau, Suite 200 (63103)

September 12 - Landscape Performance: Making the Case for Sustainable Landscape Solutions

IN PARTNERSHIP WITH: Missouri Botanical Garden and BiodiverseCity St. Louis
SPEAKER: Barbara Deutsch, Executive Director, Landscape Architecture Foundation

Understanding the environmental, social and economic benefits of sustainable landscapes is essential for designers, developers, investors, and policymakers who influence land development and want better results. This session introduces and explores the concept of landscape performance and why it is critical to achieving sustainability and reaching key decision-makers. The Landscape Architecture Foundation will present an overview of the Landscape Performance Series, an online, interactive set of resources to help evaluate performance, show value and make the case for sustainable landscape solutions. Learn how the Case Study Briefs, Benefits Toolkit, Fast Facts, and more can be used to evaluate and demonstrate the impact of projects and how you can be part of this growing online resource.

5:30-7:30pm at Alberici, 8800 Page Ave. (63114)
Also join us on September 13th for an in-depth seminar on Measuring Landscape Performance: Practical Steps & Resources To Conduct Performance Evaluations with Barbara Deutsch.

October 10 - Sustainable Risk Management & Disaster Response

SPEAKERS: Stephen Bushnell, President, Stephen Bushnell + Associates and Richard Schuessler, Account Executive, HM Risk

Each year, US Insurers, Federal and State Governments, and citizens spend close to $50 billion to recover from floods, fires, water damage, wind and hail and other natural disasters. Are we getting the best return on this enormous investment? Is the built environment made any more sustainable after this money is spent? This program will explore the connections between risk management, green buildings, and sustainable business practices, offer idea about how to better manage the disaster risks we face and introduce the recently formed Sustainable Disaster Response Council (SDRC).

5:30-7:30pm at Sheet Metal Workers Local 36, 2319 Chouteau, Suite 200 (63103)
In-depth seminars offer extended consideration of topics our membership has expressed interest in. Ideal for individuals who are implementing and applying green building practices and principles. Fee: $30/USGBC-MGC Members; $45/Non-members, except where noted.

January 25 - Making Sense of the Material Transparency Movement

**SPEAKER:** Monica Miller, Sustainable Design Manager, ThyssenKrupp Elevator

Health Product Declaration, Cradle to Cradle, Pharos Library, GreenScreen, and Declare are just a few of the main programs that are driving transparency in the building product marketplace. This seminar will explore how each program works and its advantages. The presenter will discuss how to write specifications that allow practitioners to drive the material transparency movement as designers, builders, or specifiers. Additionally, the presenter will clarify how these programs can contribute to points in LEED v4.

3:00-5:00pm at Missouri Botanical Garden's CBEC, 4651 Shaw Blvd. (63110)


**SPEAKERS:** Drew Hane, Managing Partner and Brian Bauer, Partner, Stormwater Pro STL

This seminar will take an in-depth look at the obligations and responsibilities of property owners for operation and maintenance of Stormwater Treatment System Best Management Practices (BMPs) in the St. Louis Metropolitan Area. Presenters will provide an overview of the history and regulations leading to utilization of Stormwater Treatment Systems in the area; diving into more detail on what Stormwater Treatment BMPs are, how they are constructed, how they work, how they can fail, and why maintenance is critical to extending their useful life. Additional information will be provided on what BMP owners can begin to expect on the cost of providing routine maintenance, non-routine maintenance, or the repairs that stem from providing no maintenance at all.

3:00-5:00pm at Missouri Botanical Garden’s CBEC, 4651 Shaw Blvd. (63110)

March 15 - Project Delivery Mapping Workshop

**SPEAKER:** Barbra Batshalom, Executive Director, Sustainable Performance Institute

Join leading expert in institutionalizing sustainability and improving firm performance and profitability Barbra Batshalom to examine your firm’s current processes and methodologies, identify barriers to success, and formulate strategies to raise the bar and provide consistent, high quality performing projects. This workshop will help you reconstruct your current project delivery process to identify barriers and formulate strategies to raise the bar and be on a path of continuous improvement. This is a fun, highly interactive way to have valuable dialogue within the firm while charting a course for the future that improves client services, business development, and internal efficiencies.

8:00am-12:00pm at Alberici Headquarters, 8800 Page Ave. (63114) FEE: $50 for USGBC-MGC Members, $75 for Non-members, 20% discount for 3 or more attendees from one firm

April 19 - Sustainability in Construction Administration

**IN PARTNERSHIP WITH:** Construction Specifications Institute (CSI)

More details coming soon. Lunch provided. 11:00 am - 1:00 pm

May 16 - BIT Building Best Practice Boot Camp

**SPEAKER:** Jenny Carney, LEED Fellow, President, BIT Building

BIT Building is a simple sustainable building operations program for all building types, currently in beta phase. This training provides sustainability professionals, real estate professionals, and O&M personnel with detailed information about this new framework for advancing basic sustainability best practices across all building sectors. The BIT Building Best Practice Boot Camp is designed to help current and prospective BIT users be successful in optimizing the performance of the buildings they touch. 3:00 pm—5:00 pm
June 8 - ENERGY STAR & Historic Preservation: Satisfying Both Standards in Residential Applications  
**SPEAKER:** Patty Maher, Tiger Lily Development LLC  
This seminar will explore a number of residential gut rehabs completed in St. Louis since 2007 that have achieved both ENERGY STAR certification and met Missouri Historic Preservation Standards. The projects featured average a HERS rating of 50. The presenter will examine the elements that contribute to energy efficiency, thermal comfort, and human health in these projects, including geothermal systems and Energy Recovery Ventilation (ERV) systems. Additionally discussed will be the materials contributing to these projects’ high performance and the consideration taken when selecting building elements such as windows, insulation, fans, fixtures, venting, and more.  

3:00 - 5:00 pm

July 27 - Luminaires & Lighting Controls: Yesterday, Today, & Tomorrow  
**SPEAKER:** Kris Steiger, Schaeffer Marketing Group  
In this two hour interactive course featuring both live panel discussion and Q&A, we’ll explore why traditional lighting control strategies are underutilized today and how technology and lighting codes are reversing this trend. We’ll also explore how control technologies have advanced to deliver a better user and economic experience today. Additionally, presenters will discuss how IoT (Internet of Things) and PoE (Power over Ethernet) are impacting this space and how the luminaire is evolving from a product that produces functional light to a truly intelligent device.  

3:00 - 5:00 pm

August 30 - The Green($) Behind Going Green  
**SPEAKER:** Teri Samples, Partner and Director of Real Estate Services, Mueller Prost CPAs + Business Advisors  
The benefits of green building extend beyond energy efficiency and increased occupant comfort. This seminar will examine tax incentives of green building in both a commercial and residential context. Understand the current landscape of tax incentives for green building and why these tax incentives exist. Explore the eligibility requirements, the process of claiming benefits, and important factors for designers, builders, and owners to consider before pursuing benefits.  

3:00 - 5:00 pm

September 13 - Measuring Landscape Performance: Practical Steps & Resources to Conduct Performance Evaluations  
**IN PARTNERSHIP WITH:** Missouri Botanical Garden and BiodiverseCity St. Louis  
**SPEAKER:** Barbara Deutsch, Executive Director, Landscape Architecture Foundation  
Drawing on six years of success, challenges, and lessons from the Landscape Architecture Foundation’s Landscape Performance Series and Case Study Investigation (CSI) program, this session presents a primer on evaluating the environmental, social, and economic performance of landscape projects. Learn about methods, tools, and key success factors to identify and quantify performance benefits, including how to choose the right metrics. The session also covers what designers need to consider, collect information on, and archive starting from day one to be able to measure landscape performance. Learn about practical steps and resources to start conducting your own performance evaluations.  

8:00-10:00 am at Missouri Botanical Garden’s Commerce Bank Center for Science Education, 4651 Shaw (63110)

October 26 - Building Optimization: From Tactical to Strategic, From Sporadic to Continuous  
**SPEAKERS:** Erik Merker, Director of Energy Services and James Dice, Director of Energy Analytics at Sitton Energy Solutions.  
Owners often take a project-by-project approach to optimizing the performance of their buildings. This session will share how some Owners have taken a more proactive approach, one that is based on an overall energy strategy that becomes a continuous process for optimizing the performance of their buildings. The results are maximum savings, optimum comfort and health, and minimized carbon emissions.  

3:00—5:00 pm
Continuing Education Blitz: Water Justice - October 17

More information on this full-day event coming soon.

Sustainable SITES Initiative Workshop

This full-day regional workshop will examine the concepts and goals of sustainable and regenerative land design via the Sustainable Sites Initiative™ (SITES™). SITES® is a program dedicated to fostering resiliency and transforming land development and management practices towards regenerative design. The central message of the SITES® program is that any project holds the potential to protect, improve, and regenerate the natural benefits and services provided by healthy ecosystems. This workshop will provide practitioners and regional leaders with the tools they need to integrate SITES® into their work. More details TBA.

Exam Prep

LEED Green Associate Exam Prep Courses (Live)

March 9 - August 25 - December 8

USGBC-MGC’s full-day LEED Green Associate Exam Prep course is designed to prepare participants for the LEED Green Associate exam. Skilled instructors will provide an introduction to LEED, discuss methods of sustainable project delivery and green building principals, and offer test taking tips. Subject areas covered include: Introduction and Core Concepts, Location & Transportation, Sustainable Sites, Water Efficiency, Energy and Atmosphere, Materials and Resources, Indoor Environmental Quality, Test Taking Tips, and Practice Exam. Course includes access to an online practice exam to assist in exam preparation at the conclusion of the course.

Fee: Green Associate: $199/USGBC-MGC Member; $249 Non-member.
BD+C, O+M: $225/USGBC-MGC Member; $275 Non-member

WELL AP Exam Prep Course (Live) - May 23

Developed in partnership with leading physicians, scientists, and industry professionals, The WELL Building Standard® (WELL) is a performance-based system for measuring, certifying, and monitoring features of the built environment that impact the health and well-being of the people who live, work, and learn in these buildings. The WELL Accredited Professional (WELL AP) credential signifies knowledge in human health and wellness in the built environment, and specialization in the WELL Building Standard. To become a WELL AP, candidates must pass the WELL AP exam. This course, designed to prepare attendees for the WELL AP exam, will provide attendees with a comprehensive understanding of WELL, including the seven concepts that provide the framework for the building standard: Air, Water, Nourishment, Light, Fitness, Comfort and Mind.

Fee: $200 / USGBC-Missouri Gateway Members; $250 / Non-members

Online, Anytime Exam Prep Courses

We’re partnering with Everblue to provide online, anytime exam prep courses for LEED Green Associate, LEED AP BD+C and LEED AP O+M credentials. AND offering discounts for USGBC-MGC Members!

These on-demand webinar series are accessible 24 hours, 7 days a week from any computer. Courses are available for LEED Green Associate, BD+C and O+M. Practice exams included.

Fee: Green Associate: $199/USGBC-MGC Member; $249 Non-member.
BD+C, O+M: $225/USGBC-MGC Member; $275 Non-member
April 12 - Green Schools Quest Registration Open
Through the Green Schools Quest, USGBC-MGC challenges public and private schools within the Chapter’s territory to devise and implement, with the help of Green Mentors, the most creative, effective and no or low cost sustainable practices for their schools. Registration for both schools and mentors for the 2017-18 Green Schools Quest opens at the Green Schools Event on April 11th.

June 20-22 - Sustainability Institute for Educators
In partnership with Webster University, Missouri Botanical Garden, St. Louis Zoo, Madison County Planning and Development, Mary Institute and Country Day School and the St. Louis County Department of Public Health. Speakers and hands-on workshops will focus on the issues of sustainability and how educators can bring awareness to our youth and help them learn to be responsible and to take action for a safer and more sustainable environment. Fee: The cost of the 3-day Institute is $150. Scholarships are available.

September 30 - Green Apple Day of Service
For one day, advocates from around the world, including students, teachers, parents, elected officials, organizations, companies and more, will come together in support of healthy, sustainable schools by taking action in their communities.

Every Month - Emerging Professionals Happy Hours & Events
The USGBC-Missouri Gateway Chapter Emerging Professionals are recent graduates, young professionals and those new to the green building industry. The USGBC-MGC Emerging Professionals get together each month to network, share experiences, give back to the community, and talk about how they can change the world (or at least make every building a green building)! Emerging Professionals are eligible for the discounted $35 Emerging Professionals level membership. Gatherings include happy hours, building tours, and volunteer outreach. See the USGBC-MGC events calendar for event dates and details, or inquire with staff about being added the EP email list. Upcoming events include:

- February 8, 5:30 pm - Happy Hour at Kirkwood Station Brewery
- March Happy Hour at Ferguson Brewing Company
- April 22 – 23 - Work USGBC-MGC’s Booth at the St. Louis Earth Day Festival!

May & November - New Member Welcome Events
USGBC-MGC New Member Welcome Events are held twice per year and offer the opportunity for new members to get acquainted with Chapter history, committees and programs, as well as meet Chapter leaders and fellow new members. Each New Member Welcome Event is held in a local green building, and the event includes a tour of the host location’s sustainable features. Not a member yet? Join today, and attend our next New Member Welcome Event! A variety of membership levels are available, and rates range between $25 and $150 per year. Members enjoy a plethora of benefits, including free attendance at monthly evening programs, discounts on additional educational events, opportunities to participate on USGBC-MGC committees, listing in the Chapter’s online Member Directory, and more!

Green Building Conferences & Events
Green Homes Festival - June 3, Missouri Botanical Garden
WaterBuild - November 7, Boston, MA
Greenbuild International Conference - November 8 - 10, Boston, MA

Stay tuned . . . ADDITIONAL EVENTS will be offered throughout the year!
<table>
<thead>
<tr>
<th>Month</th>
<th>Event Details</th>
<th>Date</th>
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| JANUARY    | **9-Jan - 10-Jan** LEED AP BD+C Exam Prep  
**10-Jan** State of the Chapter & Social  
**25-Jan** Making Sense of the Material Transparency Movement | 5:30-7:30 pm | Monthly Program  
3:00-5:00 pm | In-Depth Seminar |
| FEBRUARY   | **8-Feb** EP Happy Hour at Kirkwood Station Brewery  
**14-Feb** Historic Preservation and Sustainability  
5:30-7:30 pm | Monthly Program  
3:00-5:00 pm | In-Depth Seminar |
| MARCH      | **9-Mar** LEED Green Associate Exam Prep  
**14-Mar** Becoming a Performance Driven Firm  
**15-Mar** Project Delivery Mapping Workshop | 5:30-7:30 pm | Monthly Program  
5:30-7:30 pm | Monthly Program  
8:00 am-12:00 pm | Half-Day Workshop |
| APRIL      | **11-Apr** 10th Annual Green Schools Event  
**19-Apr** Sustainability in Construction Administration (CSI) | 11:00 am-1:00 pm | In-Depth Seminar  
5:30-7:30 pm | Monthly Program |
| MAY        | **9-May** Green Building Showcase  
**16-May** BIT Building Best Practice Boot Camp  
**23-May** WELL AP Exam Prep | 5:30-7:30 pm | Monthly Program  
3:00-5:00 pm | In-Depth Seminar  
Full day | WELL Exam Prep |
| JUNE       | **8-Jun** ENERGY STAR & Historic Preservation: Satisfying Both Standards in Residential Applications  
**13-Jun** Monthly Program Topic TBD  
**20-Jun - 22-Jun** Sustainability Institute for Educators | 5:30-7:30 pm | Monthly Program  
3:00-5:00 pm | Monthly Program  
Full day | Special Event |
| JULY       | **11-Jul** LEED Tour: Spire Building at 700 Market  
**27-Jul** Luminaires and Lighting Controls: Yesterday, Today, and Tomorrow | 5:30-7:30 pm | Monthly Program  
3:00-5:00 pm | In-Depth Seminar |
| AUGUST     | **8-Aug** The Value of Energy Analysis, from Design Day One  
**25-Aug** LEED Green Associate Exam Prep  
**30-Aug** Green($) Behind Going Green  
**TBD** Sustainable SITES Workshop | 5:30-7:30 pm | Monthly Program  
Full day | LEED Exam Prep  
3:00-5:00 pm | In-Depth Seminar  
Full day | Full-Day Workshop |
| SEPTEMBER | **12-Sep** Landscape Performance: Making the Case for Sustainable Landscape Solutions  
**13-Sep** Measuring Landscape Performance: Practical Steps & Resources to Conduct Performance Evaluations  
**30-Sep** Green Apple Day of Service | 5:30-7:30 pm | Monthly Program  
8:00-10:00 am | In-Depth Seminar  
Full day |  
| OCTOBER    | **10-Oct** Sustainable Risk Management and Disaster Response  
**17-Oct** Continuing Education Blitz: Water Justice  
**26-Oct** Building Optimization: From Tactical to Strategic, From Sporadic to Continuous | 5:30-7:30 pm | Monthly Program  
Full day | CEU Blitz  
3:30-5:00 pm | In-Depth Seminar |
| NOVEMBER   | **8-Nov - 10-Nov** Greenbuild - Boston, MA  
**TBD** New Member Event | Full day | Special Event  
TBD |  
| DECEMBER  | **8-Dec** LEED Green Associate Exam Prep | Full day | LEED Exam Prep  
|           | **Visit www.usgbc-mogateway.org for more information about events, membership, and sponsorship.** |           |           |