

U.S. Green Building Council | Spring 2020

Meeting 2

Agenda

Introduction

01 U.S. Green Building Council

02 LEED

03 Officer Positions

04 Schedule & Events

End



Section 01.

U.S. GREEN BUILDING COUNCIL

Contents

Values & Mission

Okstate Chapter

Meeting Dates

Dues

Members

ASK A NEIGHBOR
TO ADD YOU TO
THE GROUP!

CAMPUS LINK



U.S. Green Building Council

36 Members

Primary Contact: Brianne Pegoraro

GROUP ME



Mute 

 65 Members

ARE YOU A MEMBER?



Are you getting all the info??



USGBC
believes better
buildings
equal better
lives

Our vision is that buildings and communities will **regenerate and sustain** the health and vitality of all life within a generation. Our mission is to transform the way **buildings and communities** are designed, built and operated, enabling an environmentally and socially responsible, healthy, and **prosperous environment** that improves the quality of life.

U.S. GREEN BUILDING COUNCIL

USGBC SPRING 2020 MEETINGS

architects, interior designers, facility managers,
landscape architects, construction managers

2ND MONDAY OF THE MONTH
FEBRUARY 10TH @ ARCH 220
MARCH 9TH @ HS 432
APRIL 13TH @ ARCH 220



USGBC
promotes a
greener, more
resilient &
prosperous
future

Taxpayer dollars being spent on federal, state and municipal buildings are going towards buildings that cost less to build and operate and are **healthier for people**.

Citizens' disaster recovery funds are spent on high quality, **resilient buildings** that mitigate climate related risks and promote social equity and health.

Lawmakers and elected officials have access to current and **cutting-edge information** on green building and resilient communities so they can make the best decisions.

Those who are using **LEED** are being rewarded through incentives and other benefits.

DUES

\$15

@KOURTNEY-DUTTON

WAYS TO PAY US:

VENMO

CASH

\$5 EACH MEETING?



Section 02.

Leadership In Energy And Environmental Design

Contents

What is it?

Core Concepts

Exams

What is Sustainability?

“Meeting our NEEDS, and the NEEDS of future generations”

The Triple Bottom Line is the key to sustainable design and construction ensuring that the wants and needs of the environment, economy and society are all satisfied.



What is LEED?



LEED

LEADERSHIP IN ENERGY & ENVIRONMENTAL DESIGN

LEED stands for Leadership in Energy and Environmental Design and is simply the definition of a green building. The more sustainable the building is the higher level of certification.

LEED is a point based rating systems and depending on the number of points you achieve, you will be awarded. These points are earned through meeting credit requirements in LEED and there are 6 Categories in which to earn credits. LEED is a holistic building approach to sustainability by recognizing performance in five key areas of environmental performance:

- | | |
|---------------------------------|---------------------------------|
| 1. Sustainable Site Development | 4. Materials Selection |
| 2. Water Efficiency | 5. Indoor Environmental Quality |
| 3. Energy Efficiency | 6. Innovation |



CERTIFIED
40 - 49 POINTS



SILVER
50 - 59 POINTS

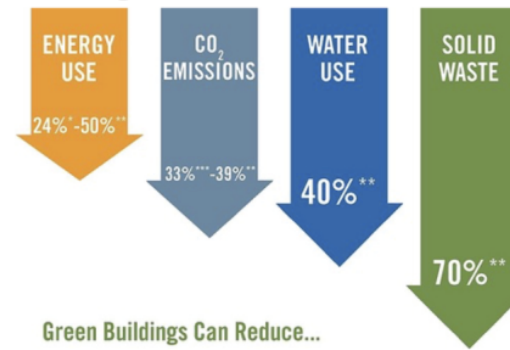


GOLD
60 - 79 POINTS



PLATINUM
80+ POINTS

Why Choose LEED?



Proven Performance – LEED certified buildings save money over time through energy conservation, reduced water consumption and increased property value

Environmental Responsibility – LEED is synonymous with sustainability and is the premier way to demonstrate your willingness to make a difference for future generations

Short-term Return – LEED means green as in sustainability, not for your pocket book. Its low initial cost premium yields high returns on investment which have faster lease-up rates and can free up potential financial incentives

LEED and it's Merits

Market Demand

According to the World Green Buildings Study, market demand for green buildings continues to rise from 33% of individuals and tenants as well as 35% client demand in 2012.

Operations and Maintenance Costs

Buildings are the largest consumer of energy and electricity. While utility prices rise it is essential to consume less and save more. LEED utilizes an integrative approach which encourages interaction of all stakeholders early on in the project to find synergies between them. This results in an optimal design in the most cost-effective manner which is the benchmark of sustainable building design.

Competitive Advantage

Today, more than ever LEED differentiates you from conventional buildings. It is a strong marketing tool that encompasses your green efforts into a single recognizable word. Those who do not build LEED will be left with a building that does not appreciate as fast as others.

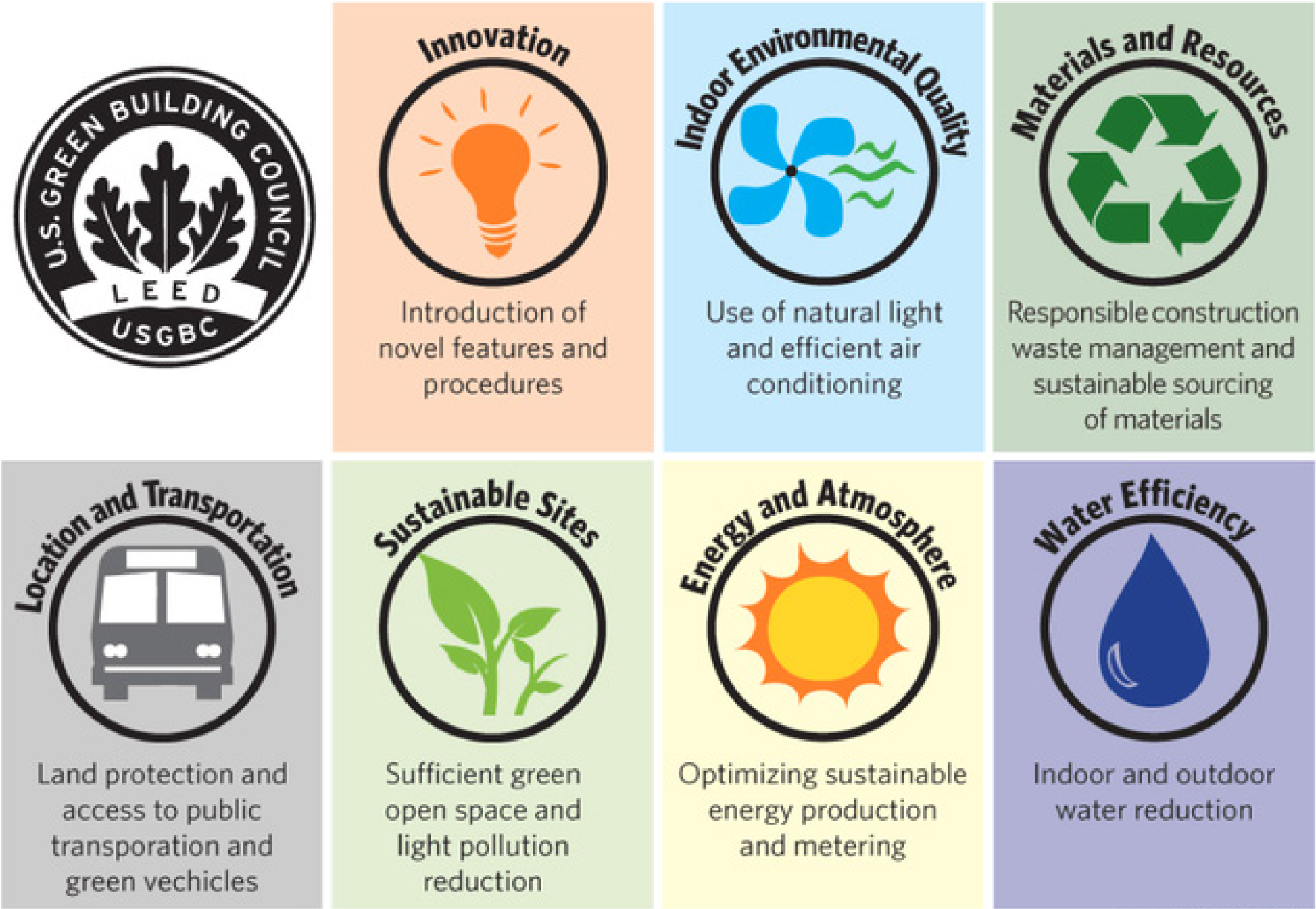
LEED Buildings yield:

Average ROI: 9.9% (New), 19.2% (Existing), Reduced Operation Costs: 13.6% (New), 8.5% (Existing) Increased Building Value: 10.9% (New), 6.8% (Existing) Higher Occupancy rates: 16% - 18% higher than non-rated. Robust Tenants: Green buildings retain their occupants at consistent rents through economic trials (IE. 2007-2009)



LEED

<https://www.youtube.com/watch?v=tIVseOWToL4>





LEED Green Associate exam formats & procedures

- **Fees:** \$250 (\$100 for students, [\\$200 for USGBC members](#))
- **Prerequisites/eligibility requirements:** None
- **Timing format:** 100 multiple-choice questions
- **Language:** Translation aids are available in Arabic, Brazilian Portuguese, Chinese, French, German, Japanese, Korean and Spanish. [Learn more.](#)
- **Scoring:** A passing score of 170 out of 200.
- **Rescheduling and cancellations:** Permitted up to 3 days prior to exam. Some fees may apply. [Learn more.](#)

Section 03.

Officer Positions

Contents

President

Vice President

Treasurer

Secretary

Social Media Chair

Philanthropy Chair

Student Council Representative

Communications Chair

Officer Positions

president and vice president

President Katie Hickerson

- Provides overall leadership and direction
- Establishes short- and long- range objectives and goals
- Coordinates club activities through the advisors and officers
- Presides at meetings of the club
- Provide opportunities for new leadership to develop
- Approves all club press releases, newsletters, etc.

Vice President Madison Brook

- Perform the duties of the President if they are not able to be in attendance
- Attend all club and officer meetings
- Help plan club meetings and events
- Assist president with tasks as needed
- Reach out to contacts for event information



Officer Positions

secretary and treasurer

Secretary

Taylor Hayden

- Keep track of attendance, dues, membership, etc
- Take notes at officer and member meetings
- Send emails to members and officers about upcoming events or news
- Make and maintain the board on 4th floor HSci

Treasurer

Zac Quinby

- Keep track of expenses from:
 - Activities
 - T-shirts
 - Food
- Fills out yearly AFAP application
- Keep track of and collect all incoming funding to be secure in an account (I use personal)



Officer Positions

social media chair and philanthropy chair

Social Media Chair Kendall Ruder

- Create flyers / promotional graphics
- Post on social media platforms:
 - Instagram
 - Twitter
- Make sure members are following
 - Send out links to accounts
 - Add QR Codes of accounts to flyers
- Post all dates for semester

Philanthropy Chair Bethany Niles

- Primary goals
 - Fundraising for USGBC
 - Giving back to the community
- Coordinates with local businesses to set up benefit nights
- Works with Alumni to keep them involved & provide speakers at meetings



Officer Positions

student council rep and communications chair

Student Council Representative **Mackenzie Erdley**

- Take notes at officer and member meetings
- Relay news and events to HSCI Stuco every month
- Relay events to AEI and AIAS (Architecture Clubs)

Communications Chair **Allison Howard**

- Assist in relaying club information to Architecture department
- Resolve conflicts in scheduling between different majors
- Be the contact person for students within in department on club information

Section 04.

Schedule and Events

Contents

Perkins and Will Presentation

Tree Planting

Trash Day

Perkins&Will

April 13th 5:30 pm

**Design has the power to inspire
joy, uplift lives, and strengthen the
spirit of community.**





Trash Day

with Oak Creek Community

- Sometime in March/April
- Pick up trash on the trail behind Stillwater High School, Cimarron Plaza, and Oak Creek Community



Earth Day

April 22nd

- We are going to have a booth this year!
- 3-6pm student union



Breakfast with USGBC CEO

Aprill 8th from 8-10am

• a few more spots available!

USGBC Town Hall

April 2020 | South Central Region

April 8: Oklahoma City, OK

APR 08

USGBC Town Hall Oklahoma City, OK

by USGBC Oklahoma [Follow](#)

Free

↑

♡

Register

The logo of the U.S. Green Building Council (USGBC), featuring a circular emblem with a stylized leaf and the text "U.S. GREEN BUILDING COUNCIL" and "USGBC".

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U.S. GREEN BUILDING COUNCIL

CEAT interdisciplinary Project

Every Semester

- \$5,000 scholarship
- please let jayadas know if you are interested

EPA P3

People, Prosperity and planet Student design competition

- \$15,000 scholarship opportunity
- <https://www.epa.gov/newsreleases/epa-awards-grants-18-student-teams-innovative-technology-projects>



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News Releases

News Releases from Headquarters > Research and Development (ORD)

EPA Awards Grants to 18 Student Teams for Innovative Technology Projects

02/19/2020

Contact Information:
EPA Press Office (press@epa.gov)

WASHINGTON (February 19, 2020) — Today, the U.S. Environmental Protection Agency (EPA) announced approximately \$447,000 in funding for 18 teams of undergraduate and graduate students across the country through its People, Prosperity, and the Planet (P3) Student Design Competition Program. Each team will receive a Phase I grant of up to \$25,000 to develop their sustainable designs that will help solve important environmental and public health challenges.

Thank You