

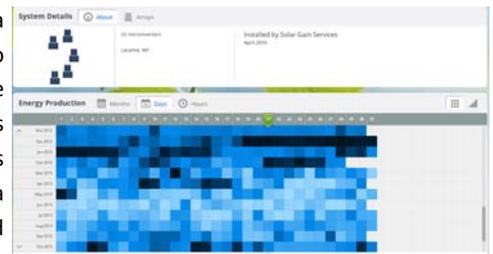
## UW— House/School remodel in a LEED Gold Facility

The University of Wyoming's Bim Kendall House, home of the Haub School of Environment and Natural Resources, is the second building on the UW campus to receive Leadership in Energy and Environmental Design (LEED) Gold certification. This was achieved for efficient energy, water and material use. The building earned additional points for creating a healthy and comfortable workspace, and for incorporating educational and outreach components. Students helped plan sustainable features of the building and now the Haub School offers in-person and online tours to teach visitors how the building reduces resource consumption.



Historically significant, the original Verna J. Hitchcock House was designed by architects Eliot and Clinton Hitchcock, the sons of architect Wilbur Hitchcock who are all known for several residential, municipal, and university buildings in and around Laramie. This house was built around 1960 for the UW to use as a Child Development Center and Home Management. The three-story, 3,930 sq. ft. house with the 2,500 sq. ft. addition sits on a large double lot. In the tradition of Prairie Style architecture, the building has a central fireplace, floating roofline, and a warm, home-like feel. The remodel maintained the historic charm and the addition delicately connects with additional offices, classrooms, study rooms, and accessibility features.

The presentation will demonstrate how the building is the teaching tool. The Kendall House is a model for residential scale sustainable design, so the lessons from the structure translate to buildings off campus. Because the building incorporated a renovation of an existing structure rather than relying entirely on new construction, it makes smart use of existing materials and has a smaller impact on the environment during construction. The Gold level certification was achieved, in part, through simple material and technology choices as opposed to constructing a highly engineered building. The LEED certification was based on a number of green design and construction features.



The Haub School's new home also includes an architecturally designed xeriscape garden as and outside setting for students to gather.

The facility demonstrates how the current building codes shape the design of a remodel/addition with the application of accessible landscaping, classrooms, office, and circulation throughout.

Members of the project team will be on hand to discuss design and construction challenges, lessons learned, and how the building is performing.

Following the presentation will be tours of the facility where attendees can experience the features discussed in the presentation.

### Learning Objectives:

At the end of this program, participants will be able to:

1. Describe how a residential scale building can be converted to an administrative and academic use while maintaining historical architecture and achieving LEED Gold certification.
2. Describe the architecturally historic features that were preserved with the remodel and addition.
3. Identify how accessibility design features can be blended creatively in a historic preservation remodel and addition.
4. Describe how the building is used as a teaching tool.