

The R.W. Kern Center: Project Achievements and Lessons Learned

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ABSTRACT

The R.W. Kern Center is the gateway to Hampshire College and demonstrates what is possible for today's buildings: making its own energy, harvesting its own water and treating its own waste. With super-insulated construction, simple yet efficient building systems, and solar electricity getting ever-closer to grid parity, it shows how net zero energy has become a realistic project goal for new construction even in cold climates. The Living Building Challenge, however, takes this one step further, requiring Net Zero Water systems and eliminating the use of materials with adverse health and environmental impacts. Join us to learn more about the design of Hampshire College's most recent building, and walk away with strategies that can be employed in your next project!

BIOGRAPHY

Lisa has worked on a multitude of green building projects providing guidance to design teams and projects owners seeking LEED and Living Building Challenge Certification. For the last five years, she's delved deeply into material ingredients for 6 LBC projects, and has a breadth of experience working with manufacturers and different material disclosure programs.

Christopher is an architect who also has extensive LBC experience to share, having participated in the design and project management for Bruner/Cott's award winning COTE top 10 building, the RW Kern Center. His research includes an ongoing study of moisture performance in a double stud wall (with Marc Rosenbaum, PE).