



The Art, the Science, & the Business of High Performance Homes



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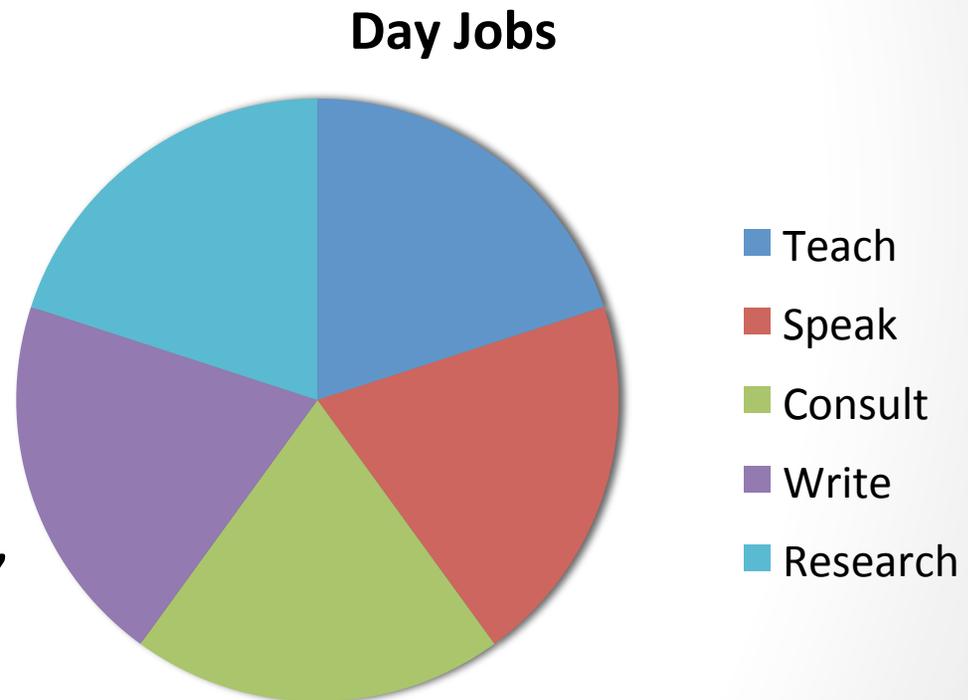
In accordance with the Department of Labor and Industry's statute 326.0981, Subd. 11,

“This educational offering is recognized by the Minnesota Department of Labor and Industry as satisfying **1.5 hours** of credit toward **Building Officials and Residential Contractors code /1 hour energy** continuing education requirements.”

For additional continuing education approvals, please see your credit tracking card.

Peter Who?

- Consulting (including building investigations)
- Teaching
- Public speaking
- Writing (BuildingGreen online publications)
- Contract research (govt. agencies, product mfgs, private sector building industry clients)



Peter Who?



Learning Objectives - You will be able to:

- **Make** the connections between energy and moisture flows
- **Place** quality in the context of high performance homes
- **Integrate** principles of high performance into the design, the construction, and the marketing of high performance homes
- **Recognize** fellow building professionals as collaborators rather than competitors
- **Explain** durability as arguably the single most important green building attribute
- **Identify** fundamental control layers: water, air, vapor, and heat
- **Build** the three-legged stool of quality: design, materials, construction.

Defining high performance

- Efficient (energy and water)
- Comfortable
- Safe (“healthy”)
- Durable
- “Valuable”



Just three things...



To be high performance...

1 - Buildings must be beautiful



AD Stenger – Eichler: Austin, TX



Frank Lloyd Wright – Falling Waters



tah.mah.lah – Portola Valley, CA



Jim Burton: Shenandoah Valley, VA



Nathan Good: Cannon Beach, OR



Ecofutures Building Inc. – Boulder, CO



Lemon Passive House – Brattleboro VT



Living Building Challenge

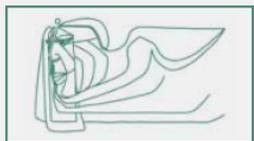


“The project must contain design features intended solely for human delight and the celebration of culture, spirit and place appropriate to its function.”

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BEAUTY + SPIRIT

The project must contain design features intended solely for human delight and the celebration of culture, spirit and place appropriate to its function.



Beauty must be more than skin
deep; deep beauty endures.



Steve Baczek – Reading MA (Passive House)