

## Week 2: Environment

April 4-10, 2016

- 1) Revise and complete structural drawings according to review feedback.
- 2) Study the [Living Building Challenge \(LBC\)](http://living-future.org/lbc) <http://living-future.org/lbc> and brainstorm how your building can meet each of the petals.
- 3) Study the BetterBricks Performance Modeling (PDF on Course Folder), then examine Seasonal usage, adjust program distribution and form to reduce loads
- 4) Develop how PASSIVE Solar & Natural Ventilation can be integrated. Investigate promising active ventilation, heating and cooling systems. (See Kiel Moe's Thermally Active Surfaces in Architecture – free online through the UO Library).

**Monday:** Take at least 30 minutes to sit down with at least one classmate and discuss strategies for implementing LBC strategies.

**Wednesday:** Architect Paul Harman (1pm-3pm) and Professor Erin Moore (3pm-5pm) will be available for desk crits.

**Friday:** 1pm-3:00 Pinup in small groups in studio (use panels in corridor)  
Visiting Scholar Iryna Volynets will visit (time to be confirmed).

Xian Dai architects Rui “Ray” Jin and Thomas Qingchuan Li will also come by for desk crits, probably Mon and Friday (time to be confirmed.)

