## design thesis [ 6 th year graduate] Spring 08: "biodynamic dwelling" Amber Ellett, 2. place [ 130 entries from international graduate and recently graduated students]: "In the Pursuit of Housing 2009" / International Design Competition co sponsored by the Boston Society of Architects and Architectural Record ) / University of Nebraska USA

























## AWARDS PROGRAM/2009

Established in 2005. In the Pursuit of Housing is an ideas competition that seeks to promote excellence in housing design by young designers. The response to the BSA's 2009 call for entries was astounding. The jury examined 130 submissions for this biennial awards program, which was cosponsored by the Boston Society of Architects (BSA) and Architectural Record.

## The Jury

- Mark Pasnik, RA, principal of over, under, co-director of pinkcomma gallery and assistant professor at Wentworth Institute of Technology
- Tiffany Lin, principal of LinOldham Office and assistant professor at Northeastern University
- Hansy Better Barraza AIA, LEED AP, principal of Studio Luz Architects and assistant professor at the Rhode Island School of Design Beth Broome, managing editor of *Architectural Record*

## SECOND PLACE

"Biodynamic Dwelling" designed by Amber Ellett Associate AIA (University of Nebraska – Lincoln

This upwardly mobile solution to the American doublewide problem takes a serious and critical look at a prolific housing type's contemporary and future issues. The proposed design offers an adaptable, flexible alternative to the static and inefficient design of traditional trailer homes. In this case, the lightweight dwelling rests on a rotating mechanism modeled after a swing bridge. Units rotate according to solar orientation for passive heating/cooling, and residents also can manually rotate the housing to accommodate personal preferences—for example, swinging units to face toward or away from each other, or to create large communal spaces or semi-private courtyards. A geothermal unit anchors each unit to the ground. The proposal also includes a ramp, making this a rare example of a trailer home that is accessible by design. While the jury had reservations about awarding a housing prize to single-family structures, this project represents a prototype strategy for improving housing across broad economic and social strata. In the context of a trailer park, this careful and creative re-reading of the building type serves as a housing solution, not just a one-off project. We wanted to learn more about the rotation, and some on the jury saw this feature as unnecessary. Its impact on use and maintenance (would it have a composting toilet or hinging plumbing?) seemed overly fussy in light of the project's strong conception and level of resolution. The project was convincingly represented not only as an object, but also in the way it could form communities.