Steel Competition Studio with Design Critic Erik M Hemingway

The 2011-2012 academic year will mark the twelfth annual steel design student competition. Administered by ACSA and sponsored by the American Institute of Steel Construction (AISC), the program is intended to challenge students, working individually or in teams, to explore a variety of design issues related to the use of steel in design and construction. Steel should be used as the primary structural material with special emphasis placed on innovation in steel design. http://www.acsa-arch.org/programs-events/competitions/steel-competition

Winning entry below from hemingway arch 476 spring 2011 studio by colby suter

**smartersteel**

*a vision of materiality in a post–suburban landscape*

- digitally fabricated dual-phase steel sheets
- in the first phase, the structural fabric is formable with a low yield strength
- in the second phase, the mesh becomes a rigid structure, adding strength