

OPEN TO ALL STUDENTS,
AS WELL AS ARCHITECTS
+ DESIGNERS WHO HAVE
GRADUATED WITHIN THE
PAST FIVE YEARS

1ST PRIZE: STUDENT \$7,500 / FACULTY SPONSOR \$2,500
2ND PRIZE: STUDENT \$5,000 / FACULTY SPONSOR \$1,500
3RD PRIZE: STUDENT \$2,500 / FACULTY SPONSOR \$1,000
+ EMERGING PROFESSIONAL AWARD: \$10,000

REGISTRATION DEADLINE 03.06.13
SUBMISSION DEADLINE 05.22.13
JURY ANNOUNCEMENT JULY 2013

URBAN HABITAT COMPETITION
**TIMBER
IN THE
CITY**

WHERE? The design challenge is to envision a wood mid-rise, mixed-use complex with affordable housing units in **RED HOOK**, an in-flux, and increasingly vibrant Brooklyn neighborhood.

WHAT? Entries should interpret, invent, and deploy numerous methods of building systems, with a focus on innovations in **WOOD DESIGN**.

INFO AT
ACSA-ARCH.ORG

Department of Architecture
University of Oregon
ARCH 4/584 Spring 2013
Professor Judith Sheine

This studio will take on the challenge of the ACSA Urban Habitat Competition "Timber in the City." In order to directly address the competition brief, which calls for innovation in wood building systems, the studio will be working with a team of civil engineering students, led by Professor Mikhail Gershfeld, from the Department of Civil Engineering at California State Polytechnic University, Pomona.

New developments in engineered wood products have led to mid-rise wood housing projects in Europe and they are slowly making their way to the United States. Cross-laminated timber, laminated veneer lumber, glued laminated timber, parallel and laminated strand lumber and I-joists are all structural wood products and new ways of using these and other innovative wood and wood composite structural members are becoming more common. They are recognized as a green building product, as many of them sequester carbon, and can be derived from renewable forests. To help us understand the range of structural systems and their potential for a mid-rise mixed-use building, which is largely housing, we will have the benefit of working with civil engineers.

Professor Gershfeld's Senior Project students at Cal Poly Pomona spent fall quarter researching wood structural systems for mid-rise housing and are spending winter quarter designing a number of systems. We are hoping that they will be making a visit to our studio early in spring quarter to present their work; in any case, we will be working with them virtually during the quarter. We will visit the Oregon State University Department of Wood Science and Engineering to see these wood materials in action in their testing facilities and are also planning a field trip to a wood manufacturing facility or two, a program that is part of the competition brief. Professor Gershfeld will visit several times during the quarter to work with us on the developing projects and to help coordinate the student work.

TALL WOOD TOWER IMAGE: NIGAN MICHAEL GREEN ARCHITECTURE

A partnership between the Binational Softwood Lumber Council (BSLC), the Association of Collegiate Schools of Architecture (ACSA) and the School of Constructed Environments at Parsons The New School for Design (SCE).