ARCH 4/584 Fall 2022
GREEN HOUSE
CRN T.B.D. - MON / WED / FRI 1:00-4:50pm (6 credits)

Instructor: Visiting Prof. Clay Neal, cneal@uoregon.edu

This studio takes the stance that food and housing are essential human rights. In Oregon, and around the world, access to both is increasingly challenged by climate change, economic instability, and historic social inequities. We will imagine the possibilities of pairing food production with permanent affordable housing and, in the process, explore the boundary-blurring spaces of home, garden, and community.

On a multi-acre urban site in Lane County, students will develop proposals to provide homes for over 80 families while establishing a permanent hub for an agricultural non profit that trains and employs youth in growing and processing food. While the housing design will be guided by requirements for publicly funded affordable housing in Oregon, students will be challenged to investigate the overlap between private and communal, urban and rural, indoors and outdoors, refined and rough.

We will investigate housing unit and social housing typologies from around the world in order to develop a proposal for this site. Design proposals will range from three- to five story buildings with smaller agricultural spaces. Students will be encouraged to focus on replicable units/buildings to reflect the demands of affordable housing development and the opportunities of prefabrication, mass timber, and low-waste design.

In addition to developing quality housing designs, students will consider the opportunities of incorporating farming and food production into the site. We will research the current and future farm to table industry and propose small-scale skills training facilities for youth. Students will demonstrate the synergy of food production facilities with beautiful, affordable housing through detailed site plans, sections, and renderings.

Questions can be sent to Clay Neal at cneal@uoregon.edu.