

# 2015 Innovation in Affordable Housing Student Design & Planning Competition

## Second Place Winner

The University of California, Los Angeles

## Team Members

Precy Agtarap | Edith Medina Huarita | Laura Krawczyk  
Luis Ochoa | John Justin Whitcomb

## Project Overview

The UCLA team's goal was to emphasize a wellness-oriented community – both for individuals and the community. Their approach was gut renovation, instead of new construction, drawing upon preserving and honoring the existing community, capitalizing on the inherent sustainability features of reuse, while at the same time, modernizing and replacing all vital building systems.

Services on the redesigned first floor, which emphasizes a progression of indoor and outdoor spaces, include areas for family and community events; and a proposed intergenerational center through a partnership with Nichols State University. One innovative feature is the combination onsite healthcare suite plus telehealthcare suite, wherein the residents are able to communicate with doctors and nurses via video conferencing.

Energy efficiency measures include specification of low-flow toilets and fixtures and ENERGY STAR® appliances, as well as a reduction of window to wall ratio (35:60). Innovative airflow wall panels fitted with electrochromic windows will reduce electric consumption using film that darkens, reducing the amount of heat that flows into the spaces. Based on an eQuest analysis, an annual energy consumption reduction of \$150K can be anticipated.

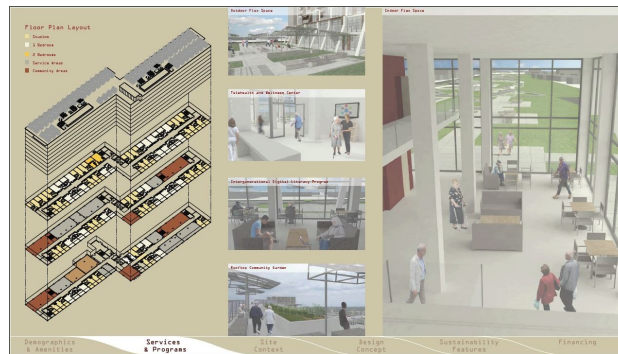
Financing will include medical cost savings and Medicaid reinvestment (will require a waiver for which there is precedent in CA and NY), tax credits and tax credit assistance funds, and RAD funding.



## HUD Innovation in Affordable Housing

student design & planning competition

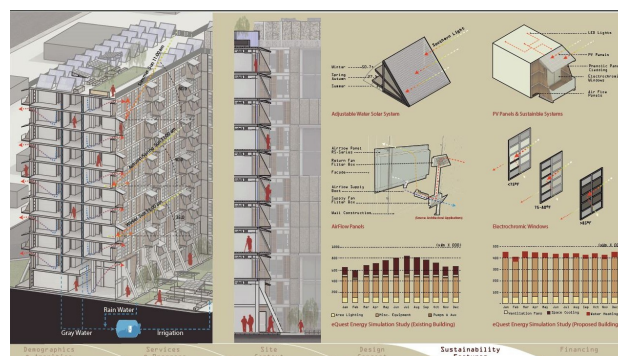
2015



Social and environmental factors include specific spaces to promote preventive healthcare; to provide active opportunities, such as vegetable gardens; and to create strategic partnerships with schools and medical facility.



The team proposes to recycle and repurpose exterior materials to be removed for use in platforms or outdoor spaces (connected to two-story spaces) and steel window frames repurposed as canopies.



Active features include a water filtration system to conserve water for irrigation and flush toilets; solar panels on the roof for DHW; and PV on balconies to generate enough electricity to power LED hallway lighting.

