

Amount Requested: \$5,000,000

Funds will be used to build the Robert W. Holley Center for Agriculture and Health (formerly known as the ARS Center for Health-Based Crop Genomics) adjacent to the ARS Plant, Soil & Nutrition Laboratory in Ithaca, NY. This research center will focus on utilizing information from plant genomics and DNA sequencing to determine the manner in which chemical compounds are synthesized are stored by plants. This includes compounds related to health and nutrition, as well as energy in the form of biofuels. The plant genome sequence will give researchers the ability to breed plants with more precision that contain traits that are important for health and energy production.