

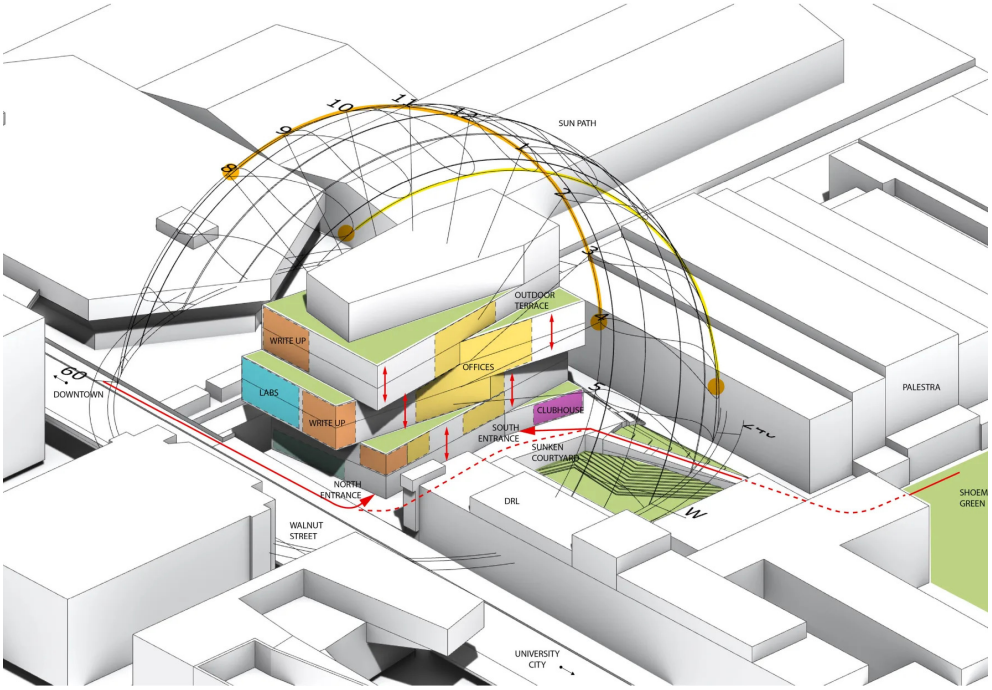
• THE VAGELOS LABORATORY FOR ENERGY SCIENCE & TECHNOLOGY, UNIVERSITY OF PENNSYLVANIA
Philadelphia, US

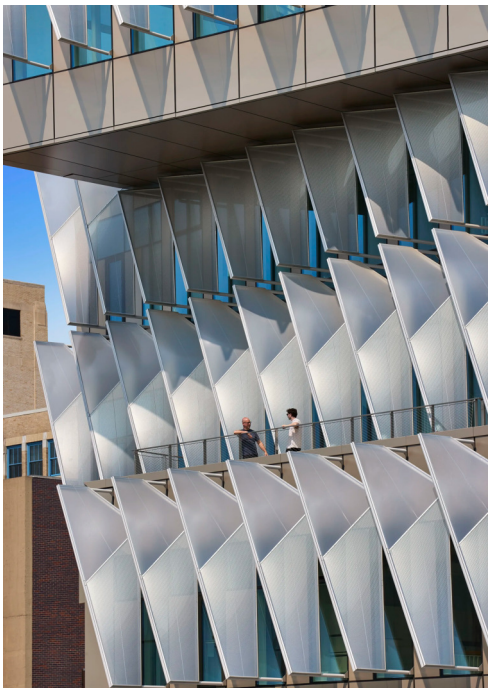
2019–2024

The Vagelos Laboratory for Energy Science and Technology (VLEST) at the University of Pennsylvania is a newly completed research facility focused on sustainable energy, uniting scientists, policymakers, and students to drive progress in the field. The building's dynamic composition expresses the internal organization of its labs, collaboration zones, and office spaces.

#daylightoptimization
#innovation
#lowenergy
#sustainability
#energyefficiency
#humanescale
#innovativematerials
#digitalfabrication

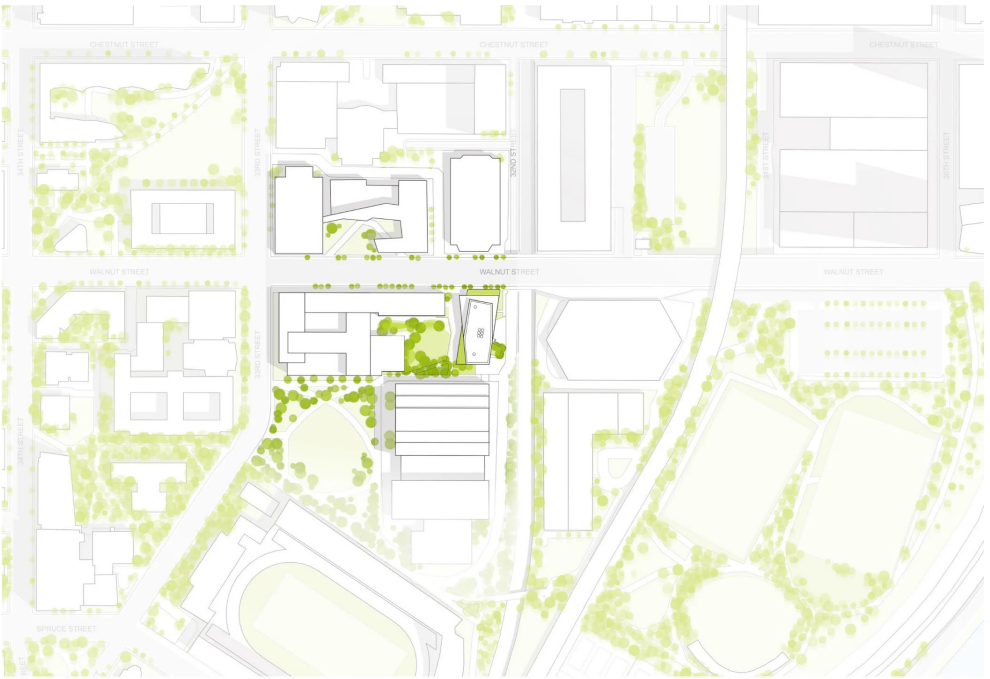
laboratory
education
research
university



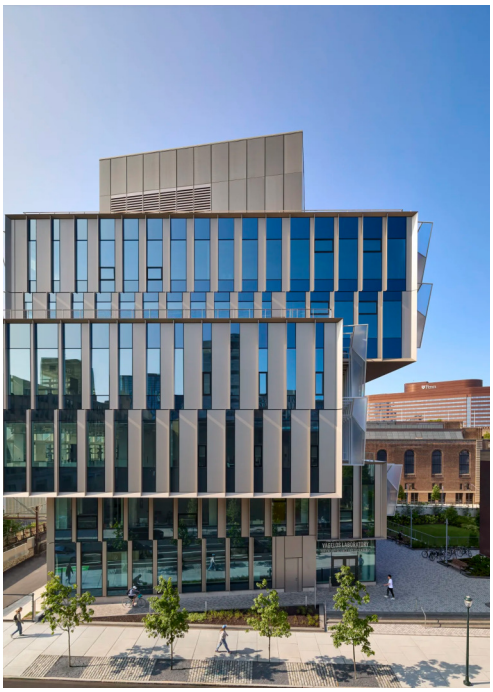


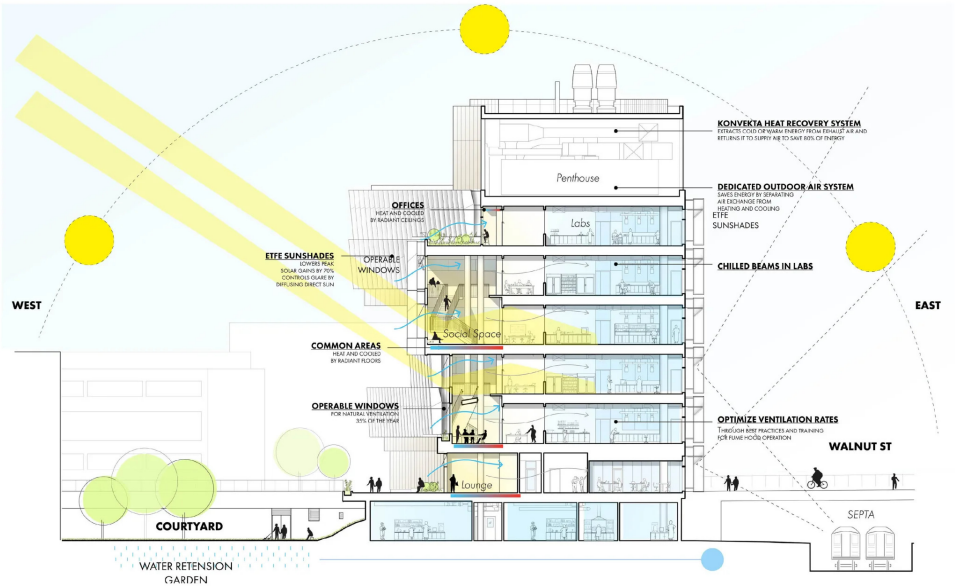
Solar and Massing Diagram





Site Plan





Integrated Design Diagram



• THE VAGELOS LABORATORY FOR ENERGY SCIENCE & TECHNOLOGY, UNIVERSITY OF PENNSYLVANIA
Philadelphia, US

2019–2024

CLIENT
Facilities and Real Estate Services
University of Pennsylvania

ARCHITECTS
Behnisch Architekturbüro

ADDRESS
3200 Walnut Street
19104 Philadelphia, PA
United States

GROSS AREA
10.219 m² / 110,000 sq.ft.

GROSS VOLUME
56,600 m³ / 2,000,000 cu.ft

COMPETITION
2019

PHOTOGRAPHY
Brad Feinknopf

CERTIFICATION
LEED Platinum by the U.S. Green Building Council

AWARDS
2026 DAM Preis 2027 – Nomination
2026 Green Good Design Award - Winner
2025 Vitruvian Honors & Awards - Winner
2025 Groundbreaking Award – Nomination
2025 The Plan Award - Finalist

LINKS
Sails Install