



- 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.

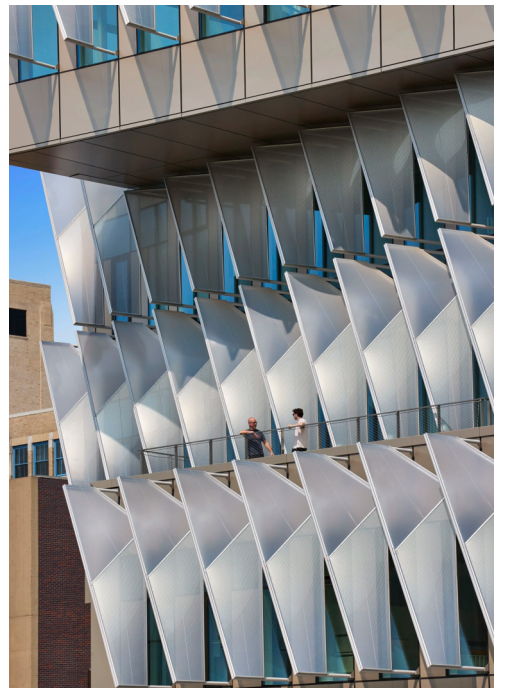
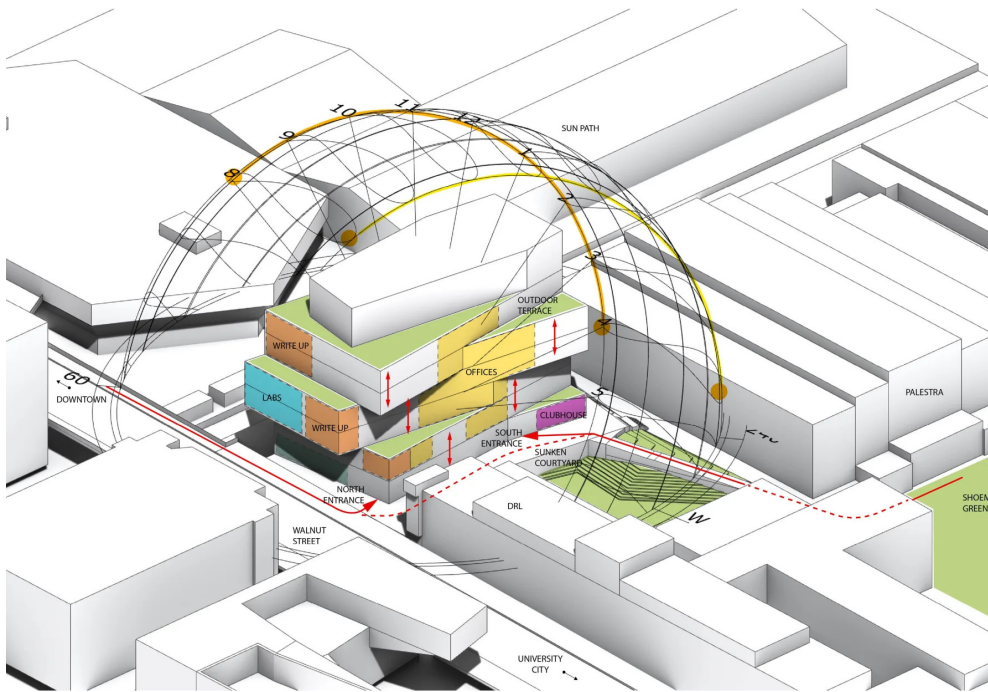
#daylightoptimization
#innovation
#lowenergy
#sustainability
#energyefficiency
#humanscale
#innovativematerials
#digitalfabrication

laboratory

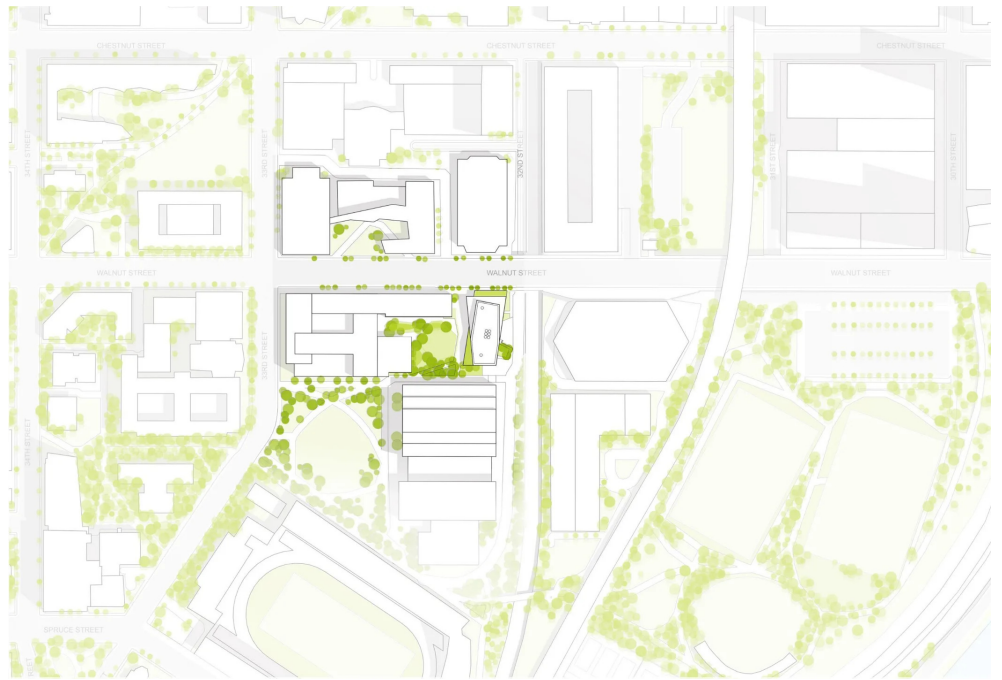
education

research

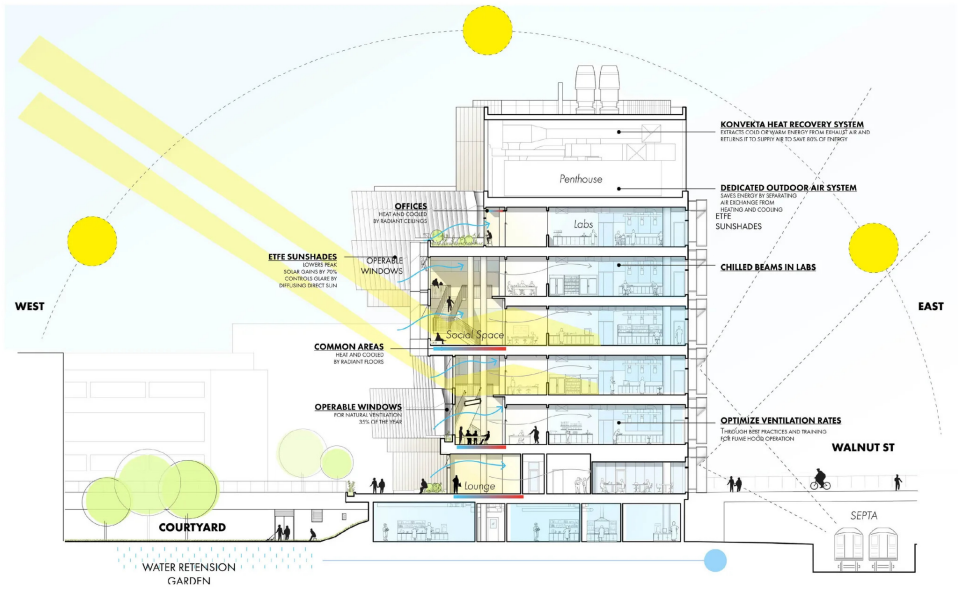
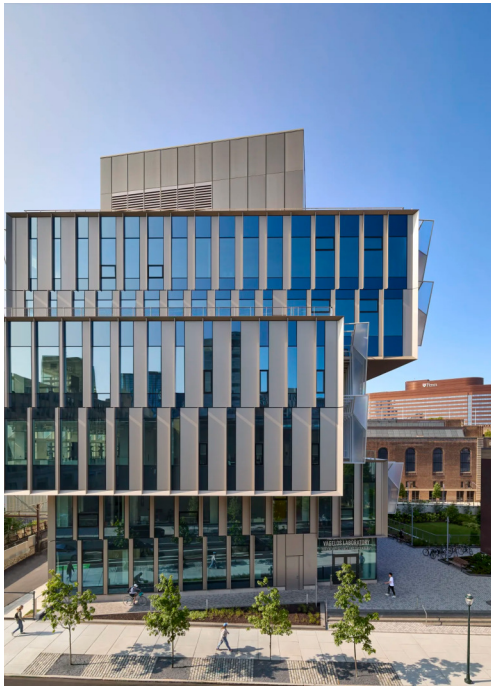
university



Solar and Massing Diagram



Site Plan



Integrated Design Diagram



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ENERGY SCIENCE & TECHNOLOGY,
UNIVERSITY OF PENNSYLVANIA
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CLIENT
Facilities and Real Estate Services
University of Pennsylvania

ARCHITECTS
Behnisch Architekten

ADDRESS
3200 Walnut Street
19104 Philadelphia, PA
United States

GROSS AREA
10.219 qm / 110,000 sq.ft.

GROSS VOLUME
56,600 cbm / 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](#)