



PENNOVATION WORKS

Incubation and Lab Opportunities

Campus Leasing Highlights

- Affordable incubation graduate or early stage commercial lab space located in 23-acre Pennovation Works property adjacent to the University of Pennsylvania campus
- Lab tenants directly benefit from the programming and amenities already available at Pennovation Works
- Shared amenities include a modern, high-design facility equipped with state-of-the-art features
- Currently leasing spaces from one bench up to 6,885 RSF that are divisible based on tenant requirements

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About

PENNOVATION WORKS

Where Ideas Go to Work

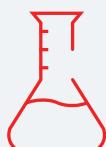


PENNOVATION

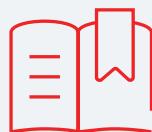


Pennovation Works is a unique combination of offices, labs, and production spaces, created by the University of Pennsylvania to connect intellectual and entrepreneurial efforts, fostering the advancement of knowledge and driving economic growth.

What's in the Works



Anchor site of Philadelphia's Lower Schuylkill Innovation District (ID)

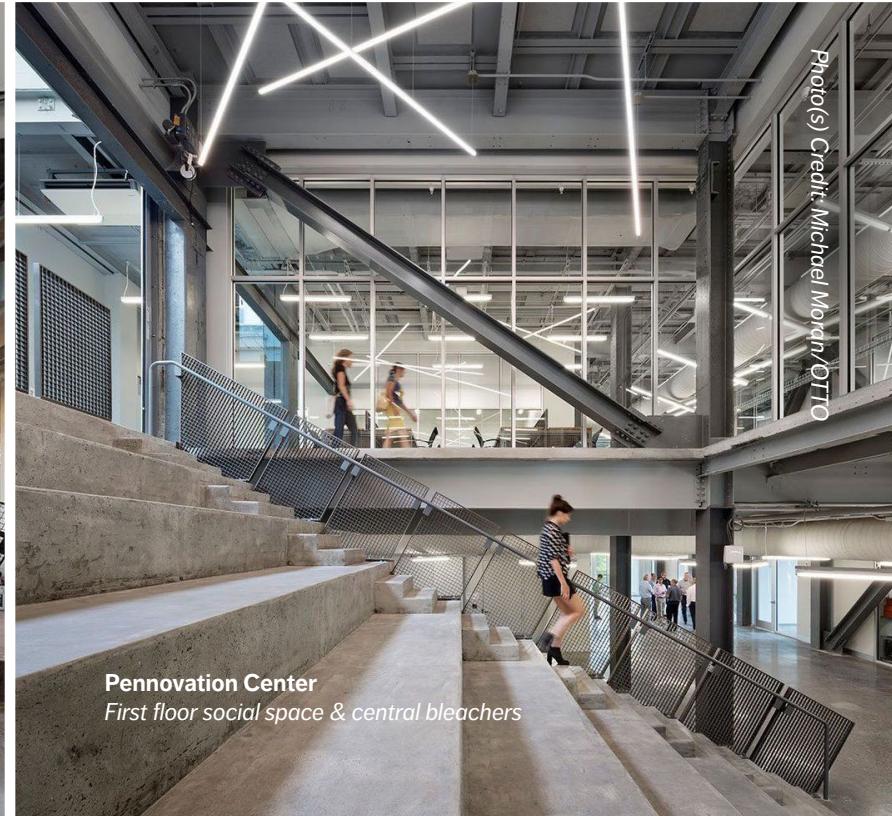
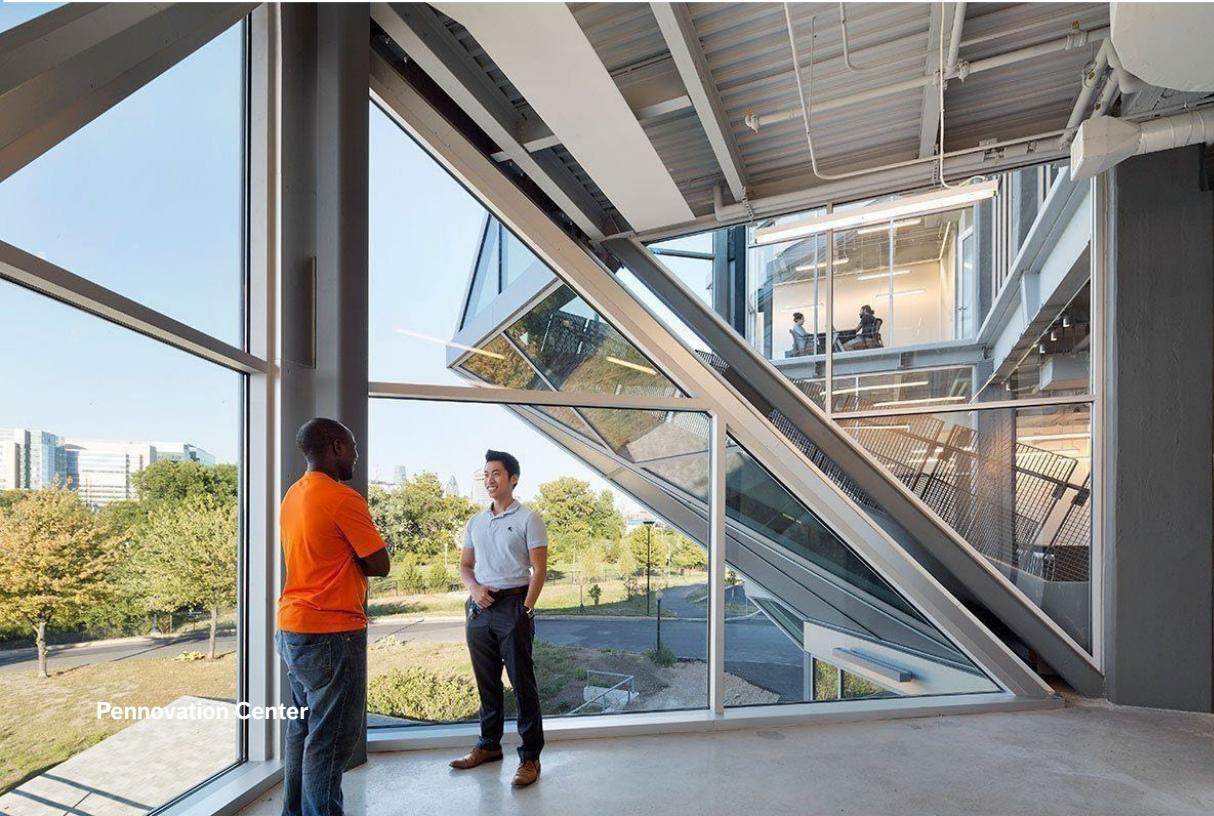


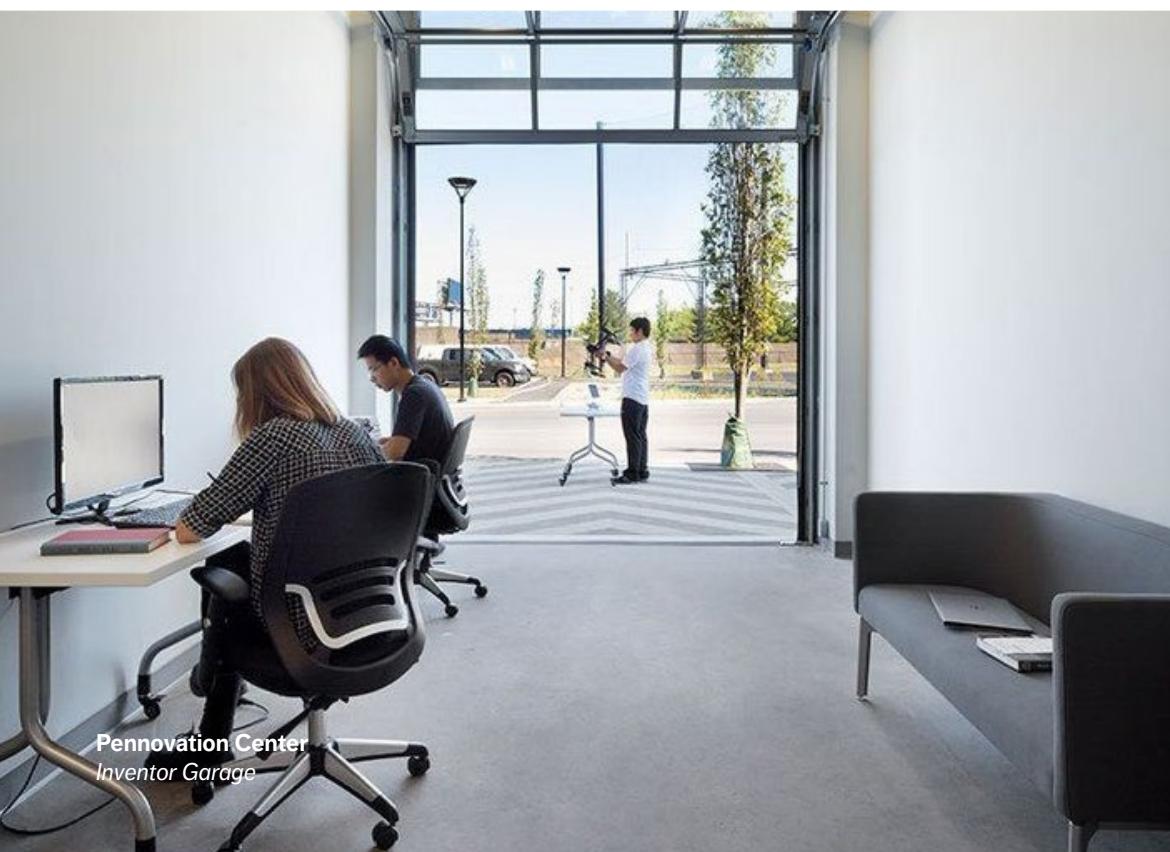
Tenants may be eligible to receive state and local tax benefits including abatement of Business Privilege Tax, Net Profit Tax and Real Estate Tax



Highly visible and connected to the region, Center City, and University City





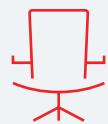


Pennovation Center
Inventor Garage

Pennovation Center

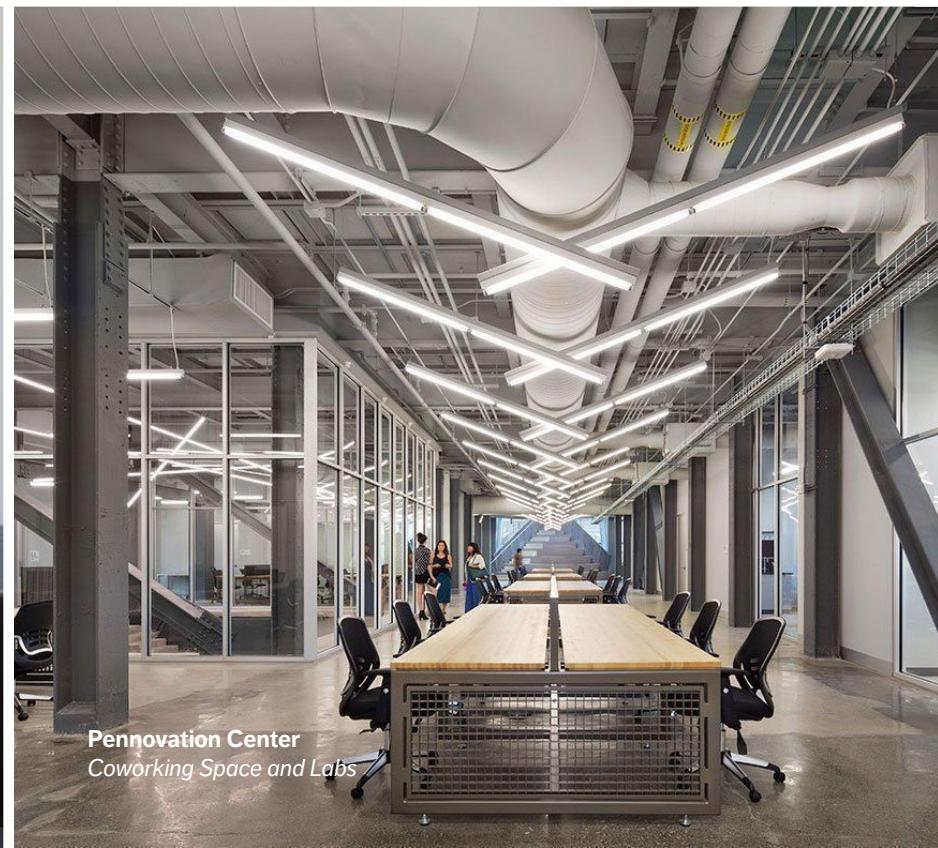
Collaboration for the Community

Pennovation Center is the anchor facility of Pennovation Works—a business incubator and lab that aligns and integrates researchers, innovators, and entrepreneurs for the commercialization of research discoveries.

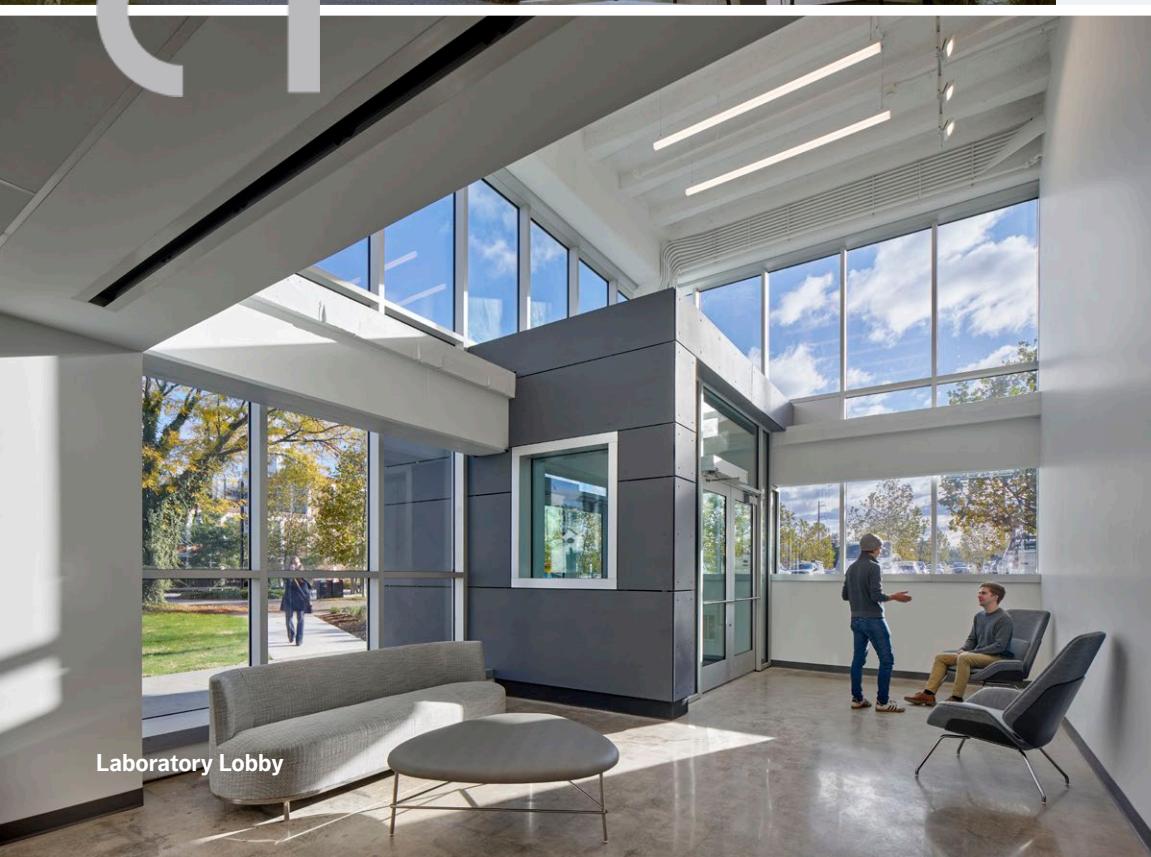


Shared and Private Spaces

Choose from benches, semi-private suites with direct garage door access, or opt for a small lab space.



Pennovation Center
Coworking Space and Labs

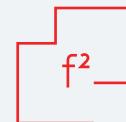


Laboratory Lobby

Pennovation Lab

Innovation for the Region

Pennovation Lab is a state-of-the-art, multi-tenant facility integrating laboratories and office spaces with advanced scientific capabilities.



Square Feet

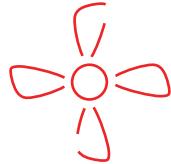
65,000 SF scientifically-advanced building of customizable wet/dry lab or office space suites.



Example Lab Space

Specifications

Pennovation Lab



Technical Specifications

HVAC

- High-efficiency Variable Refrigerant Flow (VRF) System with Heat Recovery provided
- One VRF cassette for every 2,000 square feet leased
- Support exhaust hoods and dedicated equipment exhaust at 70 fpm face velocity with 18" sash height openings
- Dedicated Duct Chases for each lab.
- Wet lab areas designed for 6 air changes per hour.
- Redundant dedicated outside air system supplies outside air for both office and lab spaces.

Plumbing

- Acid resistant drain and vent piping stacks run vertically and are stubbed outside shaft walls within each laboratory area for future connection by tenant (zones 1-6 only)
- Domestic cold and hot water stubbed outside shaft walls within each laboratory suite

Electric

- 208/120V power provided to electrical closets on each floor, conduit runs from electrical closet to tenant suite
- Building provides (1) 400kW diesel emergency generator

Voice/Data

- Combined MDF/IDF room provided on ground floor
- IDF closest provided on floors 2,3, and 4

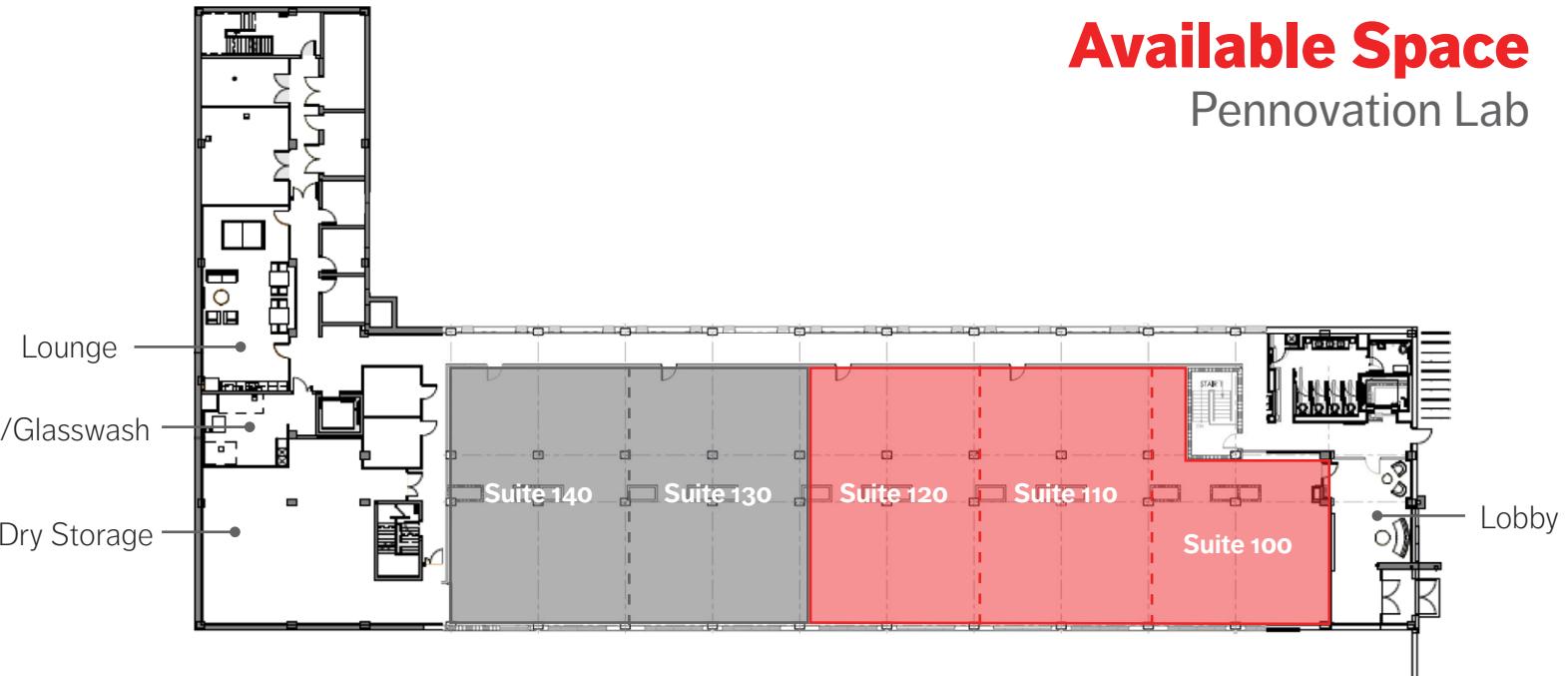
Security

- 24/7 site access control and systems monitoring
- Cameras and card access control at building exterior doors and certain interior doors
- Fully sprinklered building with fire detection along with strobes and detectors in corridors/common areas

First Floor

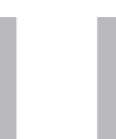
6,885 RSF of contiguous space

Divisible to 4,384 RSF of improved lab and 2,300 RSF of shell



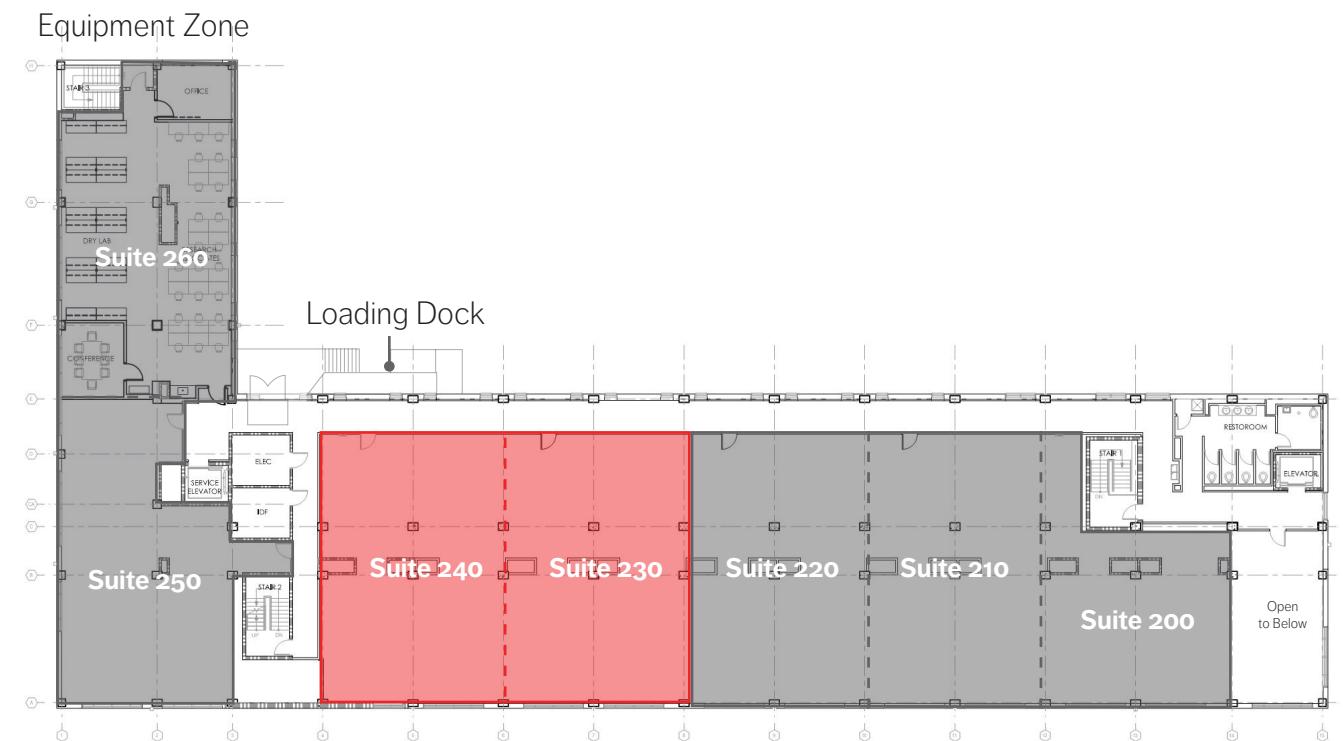
Second Floor

5,000 SF of shell space



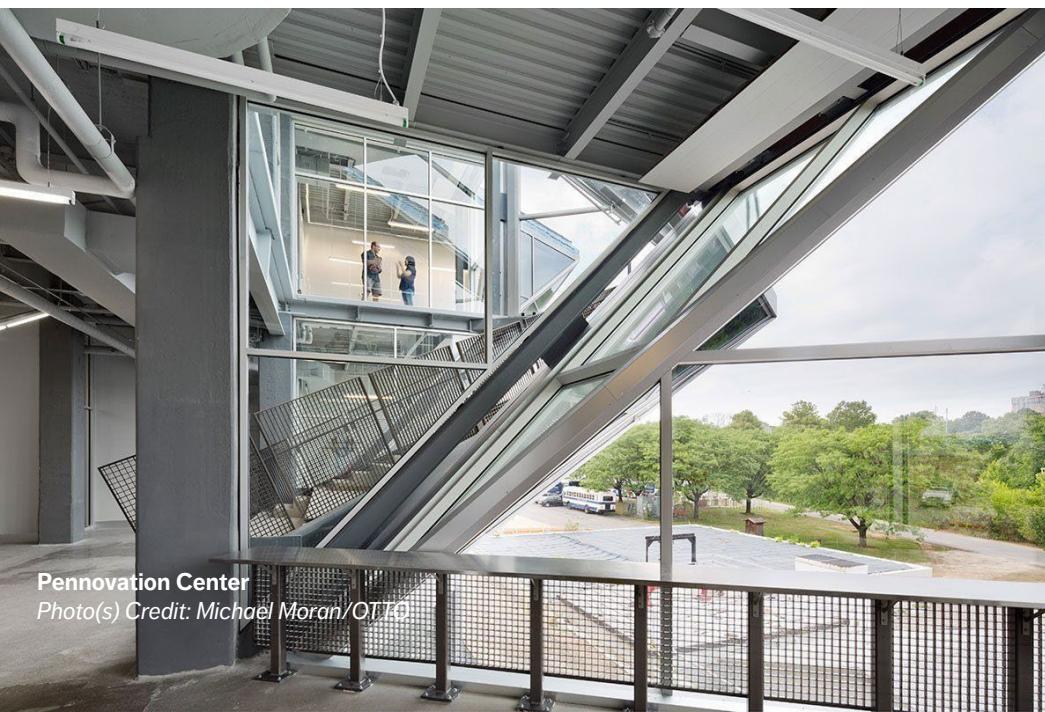
■ - Available

■ - Occupied



Available Space

Pennovation Lab



Pennovation Center

Photo(s) Credit: Michael Moran/OTTO

Scientific Amenities

Nurturing Innovation

Tenancy at Pennovation Lab is enriched with one-of-a-kind programs and resources that support its scientific community:

Mentorship

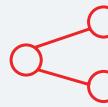
PCI Ventures (PCIV) provides a Mentors-in-Residence program offering valuable business coaching to tenants from accomplished entrepreneurs.



PCIV, which is located on-site, is a division of Penn Center for Innovation, the official tech transfer office of the University of Pennsylvania.

Networking

Develop connections between local entrepreneurs, investors, partners, and Penn inventors



Lab Resources

Lab management and safety practices and software at Pennovation Lab are modeled on best practices used by the University of Pennsylvania.





Life in Our Community

Nurturing Innovation

Being a part of Pennovation Works includes the following:



Programs & Events

Pennovation Works hosts activities on the Plaza and in the Center, such as the annual Pennovation Accelerator, PCI Ventures company showcase, Warm Intros networking series, and happy hours.



Nourishment

In addition to an onsite Café, food trucks often visit our Plaza, and Penn's one-of-a-kind food hall, Franklin's Table, offers favorites like Goldie Falafel, Pitrucos Pizza, High Street Hoagies via delivery service to residents.



Wellness & Community Oriented Environment

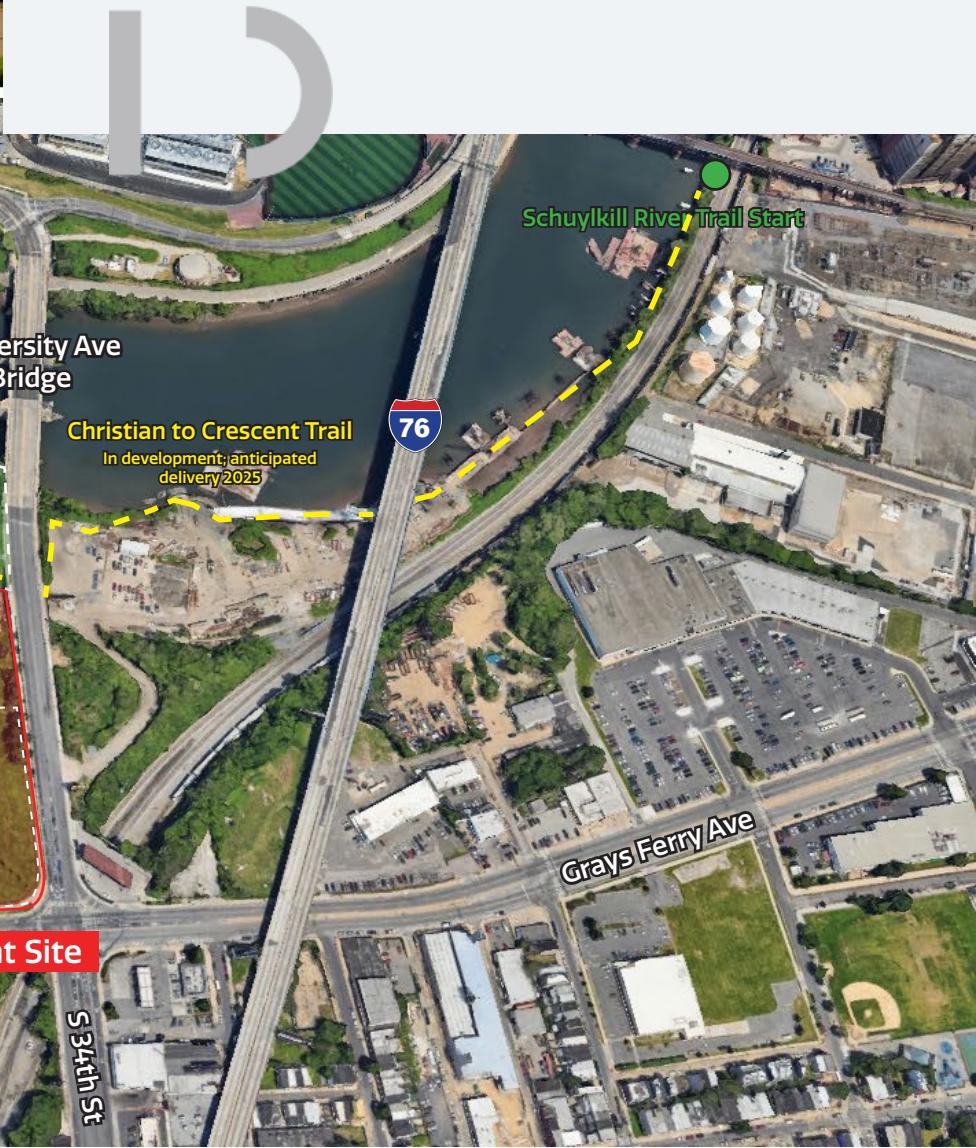
Nestled amidst expansive greenery, Pennovation Works is linked to the Grays Ferry Crescent and the Schuylkill River Trail where one can enjoy river walks, biking, recreation, and neighborhood activities.



Schuylkill River Trail
Photo by M. Edlow for Visit Philadelphia



The impending Schuylkill River Trail connection at Pennovation Works will enable bike commuting from Southwest Philadelphia to Manayunk and beyond.



The Power of Penn's Innovation

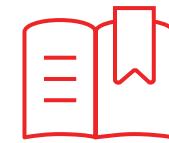
The University of Pennsylvania is an esteemed Ivy League institution renowned for its academic prowess and extensive historical heritage. Penn fosters pioneering research, interdisciplinary education, and a steadfast dedication to innovation.



\$1.25B
IN AWARDS



40,000
EMPLOYED



\$1.5M
R&D EXPENDITURES



\$613M
NIH FUNDING



84
PATENTS ISSUED



#4
WORLD'S MOST
INNOVATIVE UNIVERSITY

Source: Reuters' Top 100

A Culture of Innovation

- AlphaThera
- Amriton
- ANAMEG
- Aqueduct Fluidics
- Automation Research Group (ARG)
- Avisi Technologies
- Axonova
- Baleena
- Chip Diagnostics
- Discovery Bio
- Cocoa Press
- DriQ
- Emu Comfort
- EPOCH Boats LLC
- Eztia
- FloBio
- Forsagen
- Free Library of Philadelphia
- Ghost Robotics
- Goeppert
- Grant Luminous
- Infini Fluidics
- Innamed
- Innovations Unlimited
- Instanosis
- Interius BioTherapeutics
- IoT4Ag
- Linnaeus Therapeutics
- LYF Innovation Ltd.
- Mechano Therapeutics
- Naamira Biomedicals
- Netronix
- Opertech Bio
- Penn Dental Research Greenhouse
- Penn Design Studio
- Penn Engineering Research & Collaboration Hub (PERCH)
- Penn Vet Working Dog Center
- PhylloPharma
- Polyhedral Structures Lab (PSL)
- Prohibix
- Qualcomm Research Philadelphia
- Red & Blue Ventures
- Sambodi Medical
- Sledge Scarves
- Scalable Autonomous Robots (ScalAR) Lab
- Sonnest Bio
- Strella Biotechnologies
- Suquino
- The Autoware Foundation
- Tozuda
- Treeswift
- Unlimited Inc.
- U Study LLC
- Vertiq
- Vimano
- WearWell Inc.

**Current and alumni*



Penn Plaza

Photo(s) Credit: Michael Moran/OTTO

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