



2022

# Institutional Master Plan

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Campus Design and Facility Development

Oakland Planning & Development Corporation

31 August 2021



# 2022 Master Plan Principles

## DESIGN

Reinforce the Connection of Design and Values  
Create an Enduring Framework of Campus Spaces  
Develop Campus Buildings that are Timeless

## EXPERIENCE

Create Memorable Campus Gateways  
Encourage Collaboration Everywhere  
Foster a Lively On-Campus Lifestyle

## MOBILITY

Expand and Integrate Campus Connections  
Pedestrians>Bikes>Transit>Shared>Single Vehicles

## CONTEXT

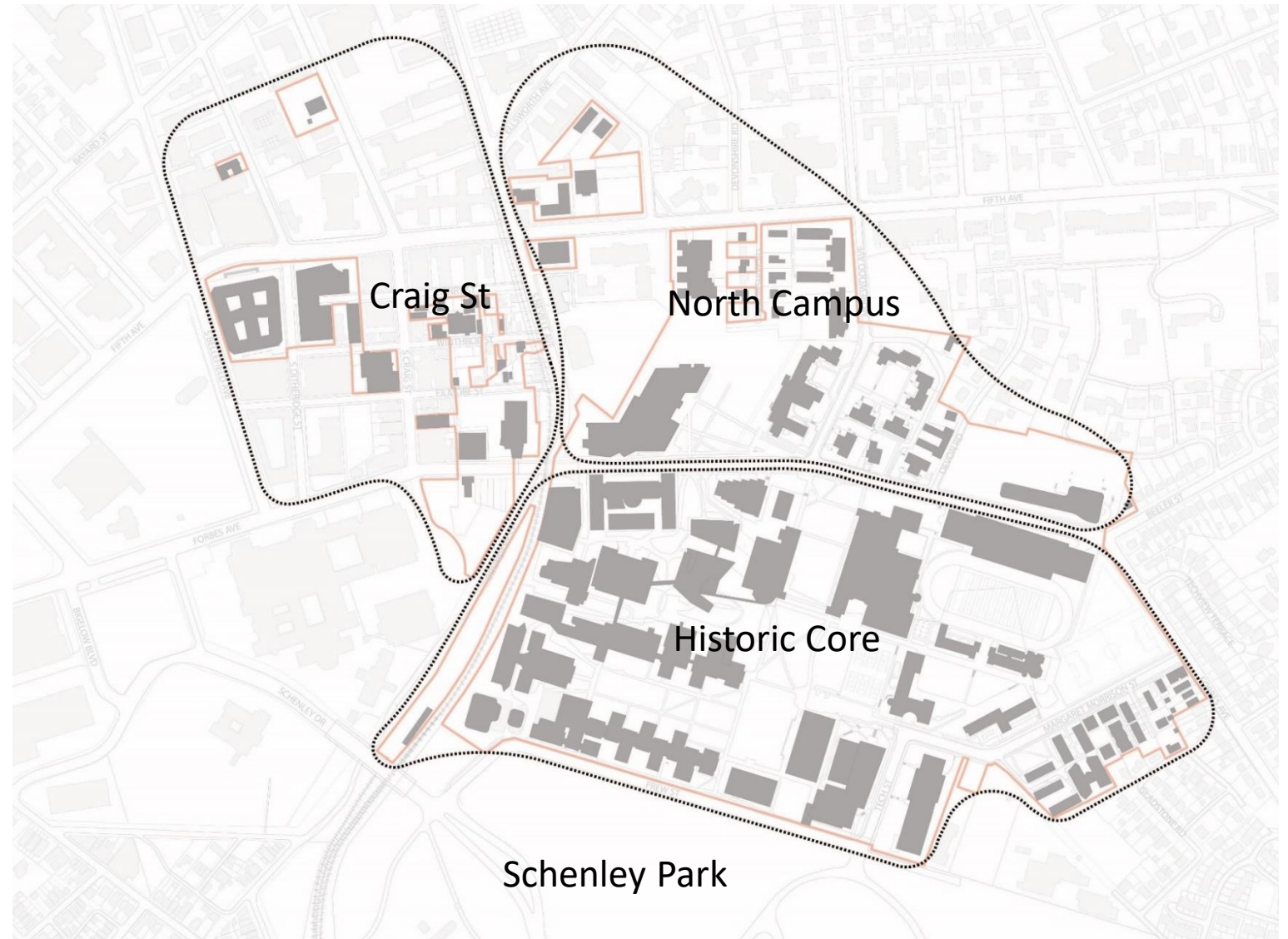
Nurture S Craig Street as a Great College Street  
Enhance Connections to the City & Schenley Park

## OPPORTUNITY

Utilize Assets for Campus Growth  
A Campus that can Respond to a Dynamic Future

## 2022 Master Plan Themes

- Enhance the campus experience and develop additional academic sites in the Historic Core
- Build on the success of the Tepper Quad to increase density in the North Campus and improve integration with the Historic Core
- Support the urban framework of the Craig St area and connect it to campus
- Connect to Schenley Park and improve the Frew, Tech and M.Morrison Corridor





# **Development Sites Urban Design Guidelines**

# 10 Year Development Sites

## Historic Core

- 1 Facilities Operations Ctr
- 2 Academic Bldg
- 3 Hamburg Expansion
- 4 Academic Bldg
- 5 Purnell Cen Expansion
- 6 West Wing Addition
- 7 MMCH Expansion
- 8 Academic/Student Housing Complex
- 9 Student Commons

## North Campus

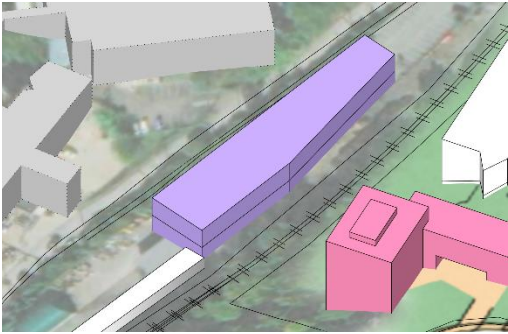
- 10 Academic Bldg
- 11 Mixed Use Bldg
- 12 Student Commons
- 13 Mixed Use Bldg
- 14 Student Housing Complex
- 15 Student Housing

## Craig Street

- 16 Reuse Shirley Apts
- 17 Student Apts
- 18 Mellon Inst Entrance
- 19 Mixed Use Bldg
- 20 Science @ CMU



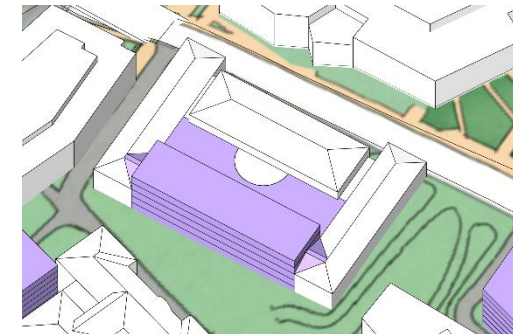
# Historic Core Development Sites 1 – West of The Cut



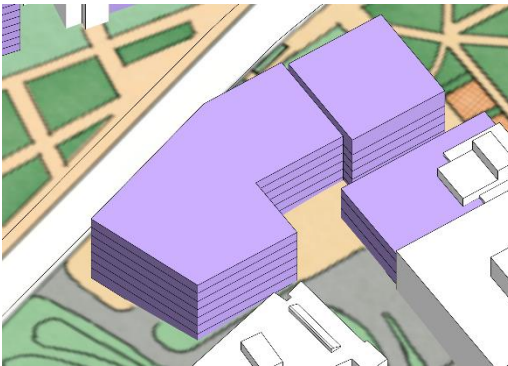
1  
Facilities Operations Center  
Parking, Utility  
40,000 GSF  
2 stories/50'



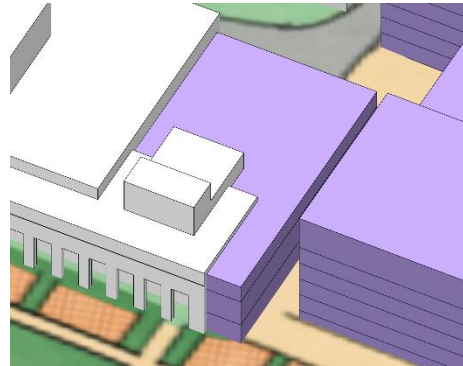
2  
New Academic Building  
Classrooms, Research, Offices  
300,000 GSF  
10 stories/150'



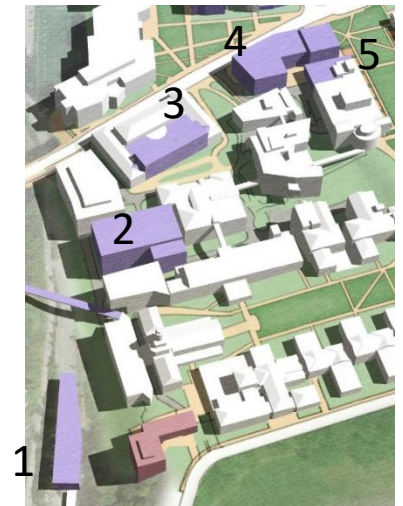
3  
Hamburg/Smith Expansion  
Classrooms, Research, Offices  
150,000 GSF  
5 stories/75'



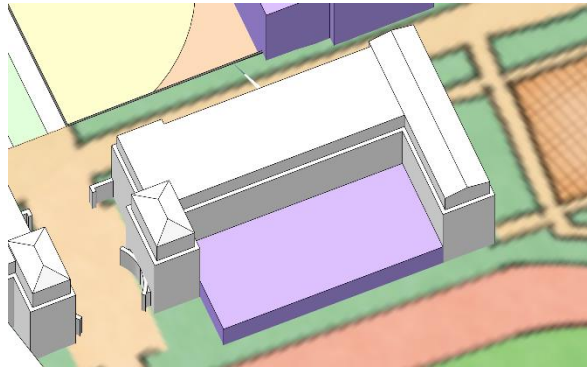
4  
New Academic Building  
Classrooms, Research, Offices  
250,000 GSF  
7 stories/105'



5  
Purnell Ctr Expansion  
Classroom, Research, Assembly  
50,000 GSF  
3 stories/50'

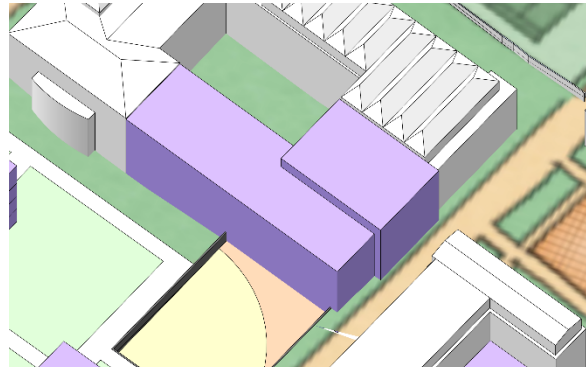


## Historic Core Development Sites 2 – East of The Cut



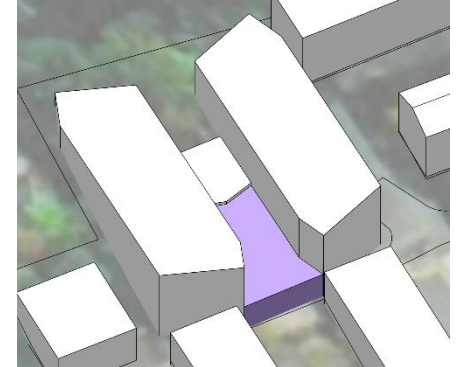
6

Student Support Services  
Office, Restaurant  
7,500 GSF  
1 stories/15'



7

MMCH Expansion  
Classrooms, Research, Offices  
110,000 GSF  
7 stories/105'



9

Student Commons  
Office, Restaurant  
60,000 GSF  
2 stories/25'



8a

New Student Housing  
Residence Hall, Restaurant  
up to 220,000 GSF & 500 beds  
5 stories/75'



8b

New Mixed Use Building  
Classroom, Research, Office, Restaurant  
275,000 GSF  
5 stories/75'



# Historic Core Urban Design Guidelines

The original campus, developed early in the 20th Century, was organized around Beaux Arts principles of symmetry, axes connecting monumental buildings, and open space quadrangles edged by architecturally significant structures. CMU is committed to preserving the original buildings and campus form as designed by architect Henry Hornbostel between 1900 and 1930. Buildings constructed in this corridor typically make direct contextual connections to the Hornbostel buildings in massing, materials, and color. However, new buildings will also be of their time while respecting the context and relationships of the campus milieu.

## ***Height/Massing***

- compatible in bulk and massing with existing adjacent buildings
- vary from 1 to 10 stories based on terrain, proximity to public streets, whether addition to existing building or independent structure, and/or use
- maximize natural daylight
- provide an exterior view and natural ventilation
- top floor setbacks where contextual with similar adjacent buildings
- pitched or flat roofs as appropriate; green roofs where feasible

## ***Setbacks***

- aligned to existing form and/or existing adjacent structures
- landscaped open space on large-scale quadrangles or small-scale gardens
- allow sufficient space for sidewalks, street trees, landscaping, and lighting

## ***Parking/Loading***

- located underneath or encased within buildings
- only as required by code and to ensure no net new parking on campus
- architectural features and landscaping to screen and mitigate the view
- integration of service areas into the building or as part of a shared court



## ***Landscaping/Open Space***

- use of plant materials native to Western Pennsylvania
- formal landscape on the historic Hornbostel Mall and Cut
- less formal plantings for smaller campus spaces between buildings
- creation of quadrangles at new student housing sites

## ***Entrances/Transparency***

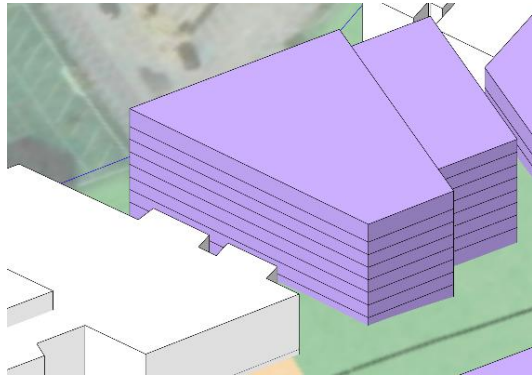
- prominent and easily identifiable entrances
- where facing a public street, entrance to face street
- where facing a quadrangle, a main entrance to face quadrangle
- increased transparency on public areas of ground floor buildings

## ***Colors, Materials***

- contextual references to Hornbostel tradition without being historicist

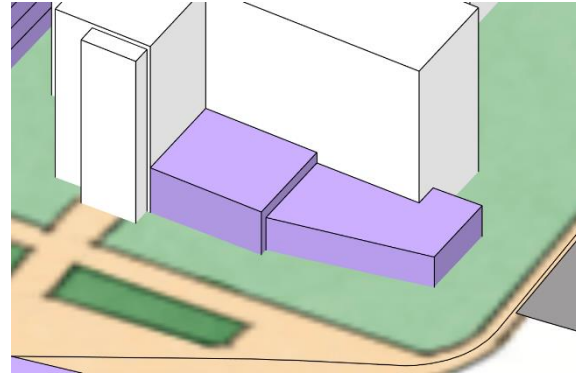


# North Campus Development Sites 1 – West of Morewood Avenue



10

Tepper Quad Expansion  
Classroom, Office,  
Assembly, Restaurant  
180,000 GSF  
8 stories/120'



12

Student Commons  
Office, Restaurant  
6,000 GSF  
3 stories/25'



11a

New Residence Hall  
Student Housing, Restaurant  
up to 160,000 GSF & 500 beds  
8 stories/120'

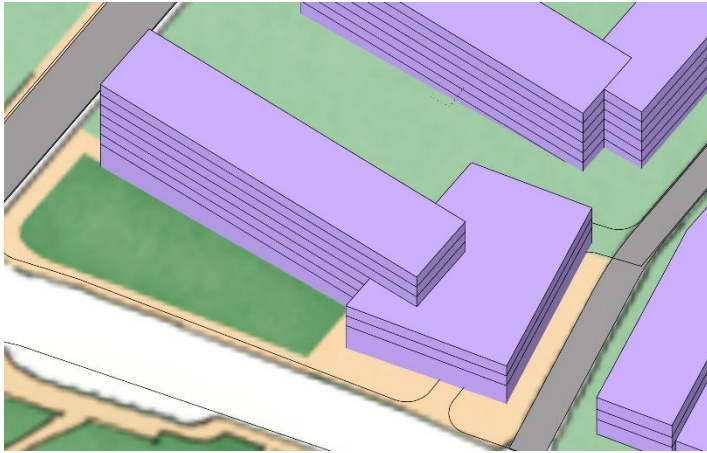


11b

New Mixed Use Building  
Classroom, Research, Office, Restaurant  
220,000 GSF  
5 stories/75'

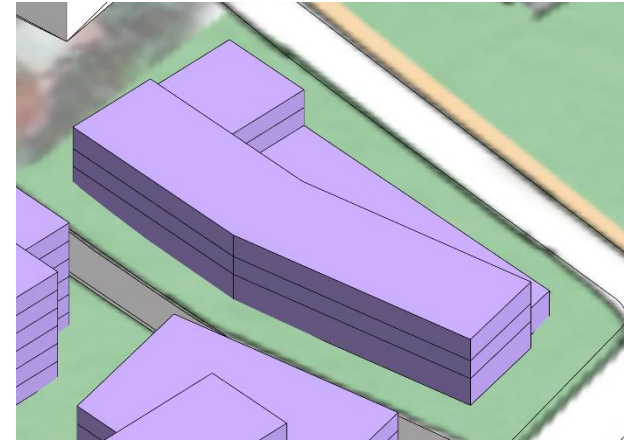


# North Campus Development Sites 2 – East of Morewood Avenue



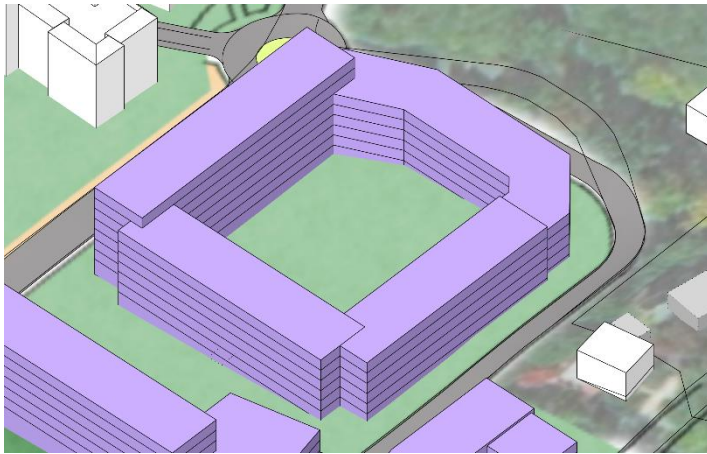
Mixed Use Bldg  
Student Housing,  
Classroom, Office,  
Assembly,  
Restaurant  
200,000 GSF  
Up to 300 beds  
8 stories/120'

13



New Residence Hall  
Student Housing,  
Office  
40,000 GSF  
180 beds  
4 stories/50'

15



New Residence Hall  
Student Housing,  
Offices  
250,000 GSF  
Up to 720 beds  
8 stories/120'

14



# North Campus Urban Design Guidelines

The North campus has been an important growth area of the University since the acquisition of the Morewood Gardens apartments complex in the 1960s. This district has historically been known for its Housing residences, which has been reinforced by the buildings added to the Housing portfolio over the last 10 years on or near Fifth Avenue. This district is also home to the Tepper School of Business, bringing academics across Forbes Avenue for the first time in University history. In materials and massing, this is a much more transitional district, featuring a variety of architectural styles and form.

## ***Height/Massing***

- compatible in bulk and massing with existing adjacent buildings
- vary from 1 to 8 stories based on terrain, proximity to public streets, whether addition to existing building or independent structure, and/or use
- maximize natural daylight
- provide an exterior view and natural ventilation
- upper floor stepbacks where contextual with similar adjacent buildings
- pitched or flat roofs as appropriate; green roofs where feasible

## ***Setbacks***

- aligned to existing form and/or existing adjacent structures
- landscaped open space on large-scale quadrangles or small-scale gardens
- allow sufficient space for sidewalks, street trees, landscaping, and lighting

## ***Parking/Loading***

- located underneath or encased within buildings
- only as required by code and to ensure no net new parking on campus
- architectural features and landscaping to screen and mitigate the view
- service areas integrated into the building or located in a shared court



## ***Landscaping/Open Space***

- use of plant materials native to Western Pennsylvania
- new larger open spaces will rely less on lawn and more on planted areas
- less formal plantings for smaller campus spaces between buildings
- creation of quadrangles at new student housing sites

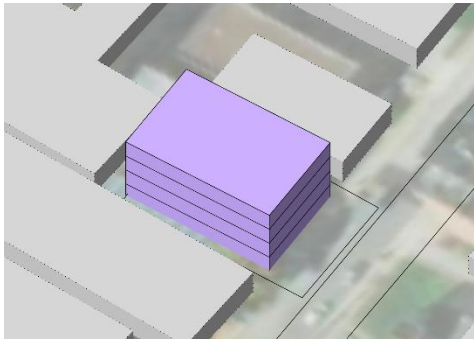
## ***Entrances/Transparency***

- prominent and easily identifiable entrances
- where facing a public street, entrance to face street
- where facing a quadrangle, a main entrance to face quadrangle
- increased transparency on public areas of ground floor buildings

## ***Colors, Materials***

- will respond to colors and materials of existing adjacent structures

# South Craig Street Area Development Sites



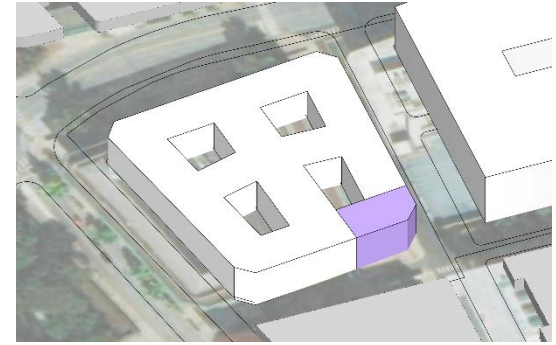
16

Shirley Apartments Renovation  
Offices, Student Housing  
20,000 GSF  
4 stories/50'



17

New Residence Hall  
Student Housing, Offices,  
Restaurant/Retail  
160,000 GSF  
9 stories/150'



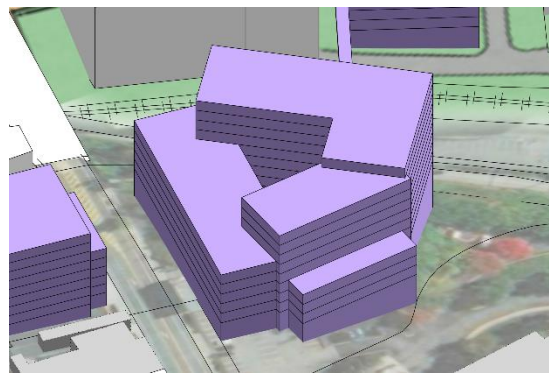
18

Mellon Institute Entry  
Sequence  
Classrooms, Research, Offices  
10,000 GSF  
2 stories/40'



19

New Academic Building  
Classrooms, Research, Offices,  
Restaurants/Retail  
200,000 GSF  
9 stories/140'



20

Science @ CMU  
Classroom, Research, Office,  
Restaurant/Retail, Assembly  
425,000 GSF  
12 stories/150'



# South Craig Street Area Design Guidelines

The Craig Street district is the most diverse among our three campus districts. CMU is not the majority property owner in this district, nor do we wish to become so. The success of the neighborhood has much to do with its diverse, mixed-use nature and its variety of use and building types. The development area allows for a transition from academic buildings to a denser, urban context of the South Craig Street District. New developments must respect the urban context of the Craig Street area.

## ***Height/Massing***

- compatible in bulk and massing with existing adjacent buildings
- vary from 1 to 12 stories based on terrain, proximity to public streets, whether addition to existing building or independent structure, and/or use
- maximize natural daylight
- provide an exterior view and natural ventilation
- upper floor stepbacks where contextual with adjacent buildings
- flat roofs, with green roofs where feasible

## ***Setbacks***

- aligned to existing form and/or existing adjacent structures
- ground floor active uses (retail, restaurant, art gallery, public meeting space)
- allow sufficient space for sidewalks, street trees, landscaping, and lighting
- wider sidewalks & implementation of Streetscape Plan on Forbes Avenue

## ***Parking/Loading***

- located underneath, within, or behind buildings
- only as required by code and to ensure no net new parking on campus
- architectural features and landscaping to screen and mitigate the view
- service courts to not be visible from Forbes or Craig
- minimized curb cuts



## ***Landscaping/Open Space***

- use of plant materials native to Western Pennsylvania
- appropriately scaled open space open to the public
- development of north-south green spaces/pedestrian walkway

## ***Entrances/Transparency***

- prominent and easily identifiable entrances
- where facing a public street, entrance to face street
- increased transparency on public areas of ground floor buildings
- public art at exterior and/or interior locations that are accessible to all

## ***Colors, Materials***

- will respond to colors and materials of existing adjacent structures
- natural materials as well as proven state-of-the-art contemporary systems

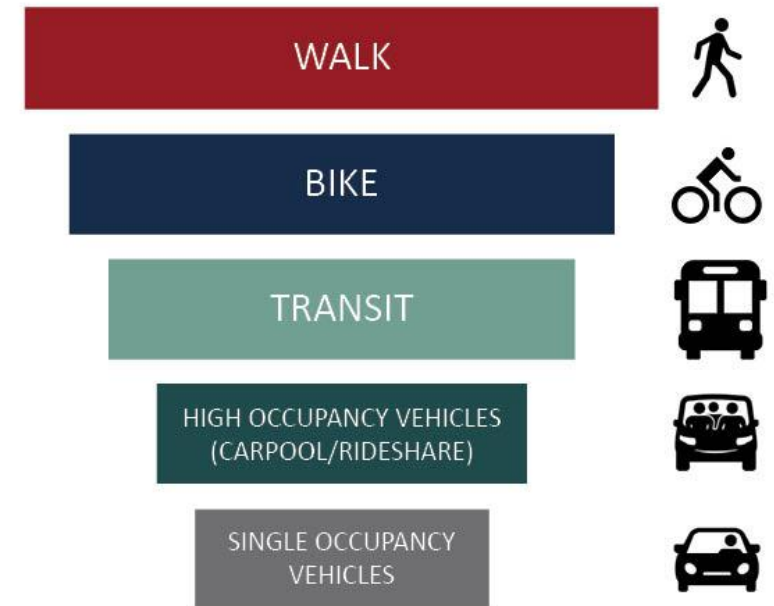


# Mobility

# Mobility Goals

**Focusing on people over vehicles and flexibility over status quo, we will foster convenient, connected, and intuitive mobility solutions for all campus users that inherently encourage alternatives to single-occupant vehicle use.**

- Create new & improved pedestrian pathways with strengthened walkable neighborhood connections
- Increase pedestrian safety and comfort utilizing with upgraded signaling, signage, lighting, and crosswalks
- Add bicycle amenities & build additional cycling infrastructure
- Increase connectivity of overall cycling network and support options for all wheeled mobility users
- Engage partner institutions to develop shared shuttle services (“microtransit”)
- Institute Transportation Demand Management (TDM) to reduce SOV mode share and greenhouse gas emissions
- Use improvements to achieve goal of **no net new parking**



# 10 Year Public Realm Improvements

## Campus Core

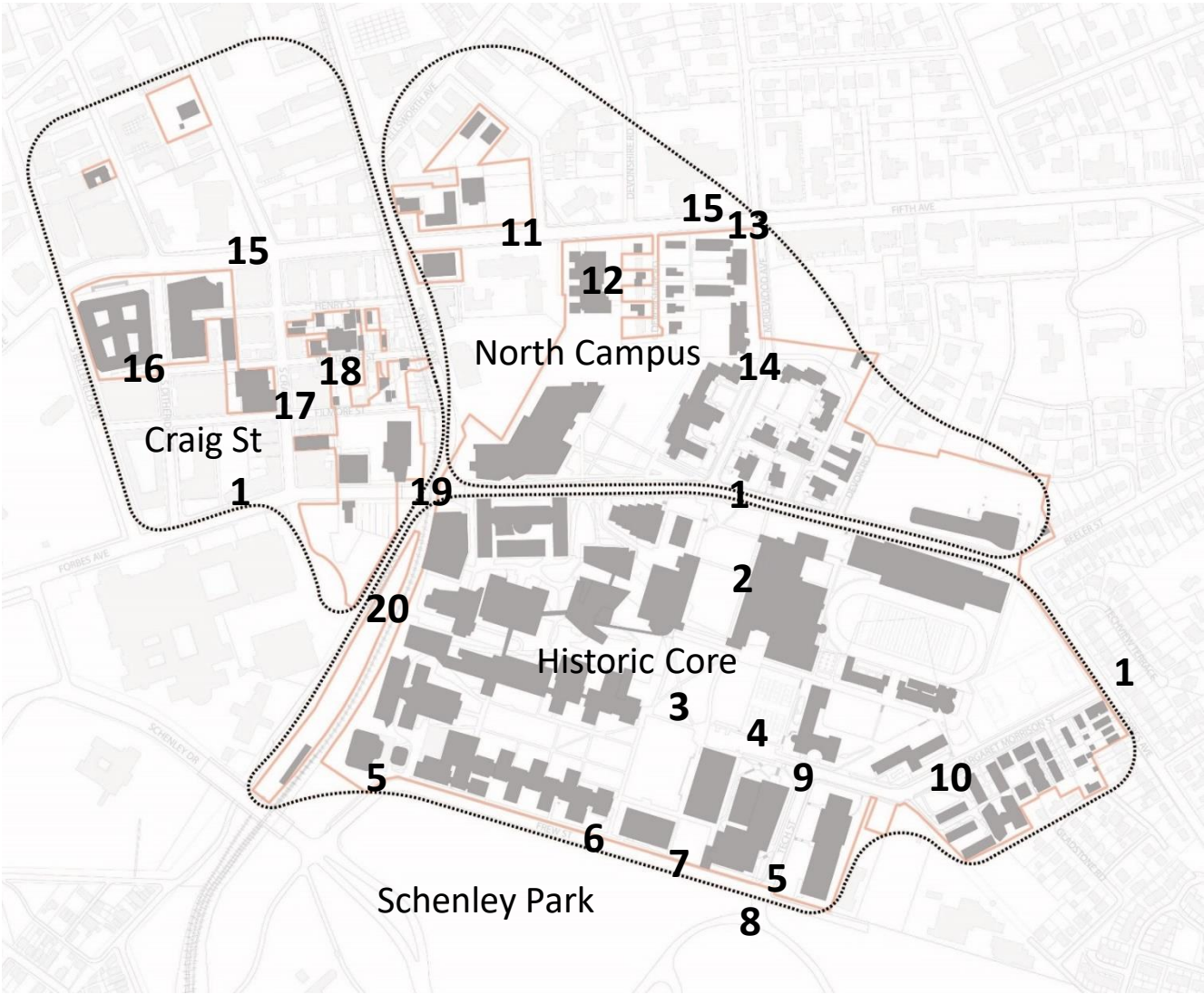
- 1 BRT Station on Forbes
- 2 Outdoor Seating
- 3 Cross Campus Bike Track
- 4 The Beach & CFA Plaza
- 5 Upgraded Park Access
- 6 New Park Entrance
- 7 Frew St reconfiguration
- 8 Schenley Dr/Tech intersection
- 9 M.Morrison/Tech intersection
- 10 M.Morrison Ped Safety

## North Campus

- 11 Fifth Ave Ped Safety
- 12 Connection thru WQED
- 13 Fifth/Morewood intersection
- 14 Morewood Bike Track

## S Craig Street Area

- 15 BRT Station on Fifth Ave
- 16 Connections to Mellon
- 17 Add seating on Craig St
- 18 CMU parking for businesses
- 19 Improve Forbes Ave bridge
- 20 New Bridge to campus





# University-Driven Mobility Improvements Projects

## 4. CROSS CAMPUS CYCLE TRACK

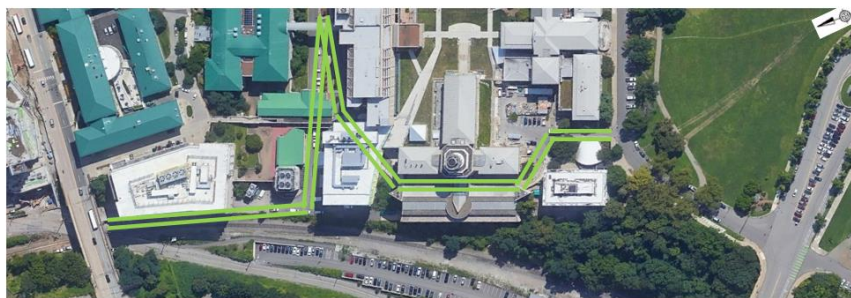


## 10. SCHENLEY PARK ENTRANCE



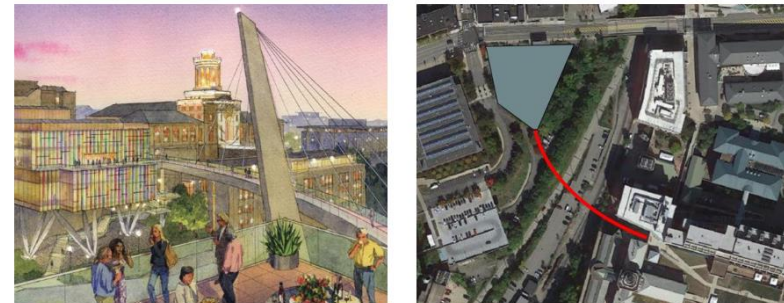
## 11. HAMERSCHLAG DRIVE BICYCLE BLVD

Connection to Neville / Boundary Street



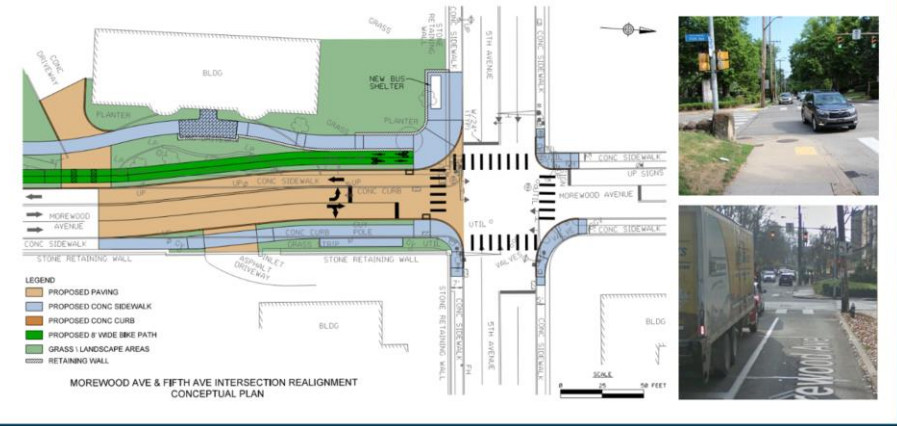
## 15. JUNCTION HOLLOW PEDESTRIAN BRIDGE

- Connection between Campus Core and Craig Street
  - Could be integrated with South of Forbes Science Building
  - Potential Junction Hollow elevator to connect to new FMS Building and Junction Hollow trail



# Mobility Improvements Projects with Campus Partners

## 1. MOREWOOD AVE AND FIFTH AVE INTERSECTION IMPROVEMENTS



## 3. FORBES AVE BRIDGE SIDEWALK WIDENING



## 8. FREW ST, TECH ST AND SCHENLEY DR INTERSECTION IMPROVEMENTS

- Both CMU buildings at corners are being updated
- Schenley Drive all-way stop concept:
    - Balances traffic flows
    - Improves safety of existing marked, uncontrolled crosswalks
  - Green infrastructure
  - Curb extensions
  - Additional sidewalks
  - Schenley Park pathway upgrades



## 16. BOUNDARY STREET RAILROAD CROSSING IMPROVEMENTS

- Improve railroad crossing



# Parking Management Plan

Demand Management to meet mobility goals:

- Incentivize non-auto trips
- Encourage multi-occupancy vehicle use
- Improve pedestrian and bicycle focused infrastructure and amenities

Strategy Development:

- Conduct parking inventory and utilization study
- Estimate future parking demand based on projects
- Recommend strategies to satisfy future demand while providing the minimum necessary parking

Identify staff person who is responsible for tracking data, and create public strategy for internal and external reporting (Director of Parking & Transportation Services)

Conduct Parking Inventory and Occupancy  
(February 2020 Data Provided)

Determine Future Parking Needs  
(Future Demand and Parking Facility Changes)

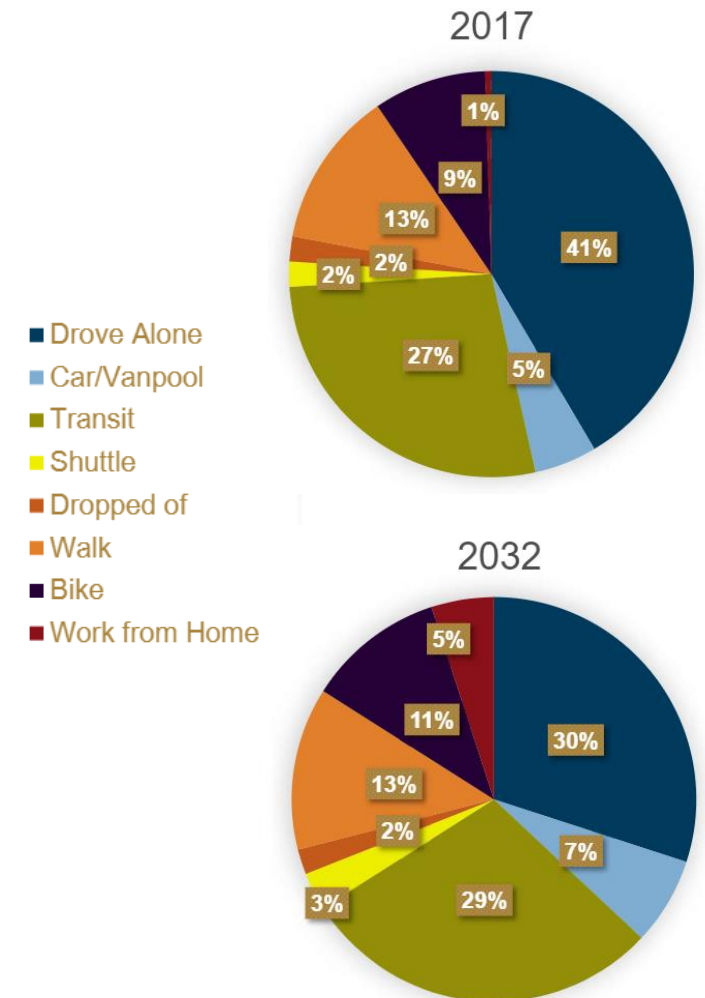
Perform Transportation Demand Management  
(TDM) to Mitigate Overages

# Parking Management Modal Splits

## SECTION 6.3 PROPOSAL - TDM PLAN

Existing Mode Split (Make My Trip Count Data) and Future Goals

Mode	2017	2032	Change	Comments
Drove Alone	41	30	-25%	Flexible work schedules and availability of EVs and other options will diminish demand
Carpool/EV/ Vanpool	5	7	+40%	A carpool program, EV proliferation, and future technology will increase mode share
Transit	27	29	+10%	The BRT should increase mode share, but flexible work schedules may limit increase
Shuttle	2	3	+50%	New shuttle routes and sharing shuttles with area partners will increase use
Dropped off	2	2	No change	Growth from rideshares assumed to offset or supplement increased working from home
Walk	13	13	No change	No change assumed, since new pedestrian generators within walkshed are assumed to be in proportion to overall growth
Bike	9	11	+20%	Better north/south connections and city investments will increase demand, but flexible schedules may limit demand
Work from Home	1	5	+500%	Staff assumed to work from home two to three days per week on average. No change assumed for students and faculty



# Pedestrian Network Improvements



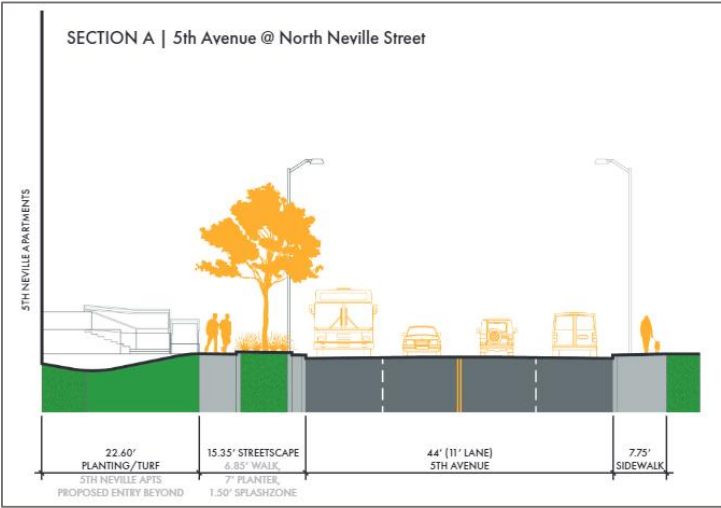
Pedestrian network safety improvements are achieved through all of proposed mobility projects.



The University's Streetscape program, utilized at the Tepper Quad, TCS Hall, multiple Fifth Avenue-area residence halls, and the Forbes Beeler House, is a core component of our pedestrian safety strategy.



At Mellon Institute, we pledge to explore ways to improve wayfinding to the building entrance, as well as create a sense of place on a walkway that is adjacent to the building's sole loading area.



# Bicycle & Wheeled Mobility Device Network Improvements

## Equitable bicycle access

Provide equitable access to biking facilities across campus and in all new capital projects

## Engineering excellence

Provide safe and secure bicycle parking  
Develop integrated on and off-street network

## Education

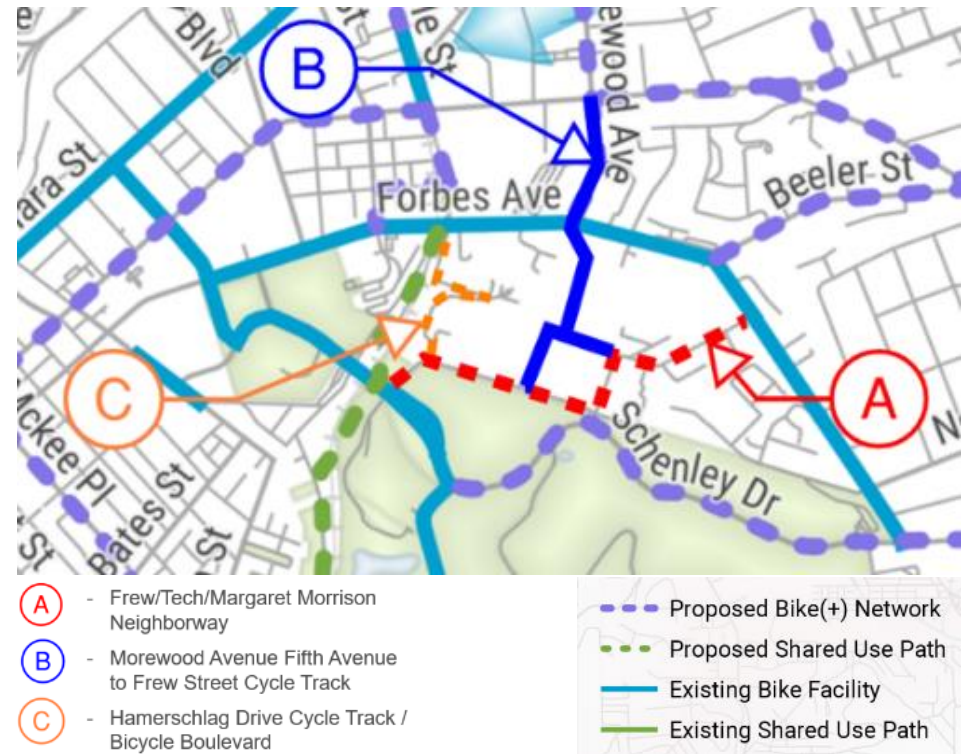
Present bicycle safety classes  
Promote cycling via strong internal messaging

## Encouragement

Host events promoting bicycling  
Create incentives

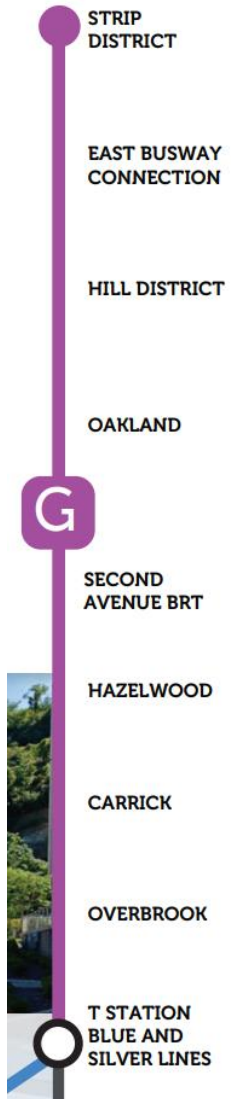
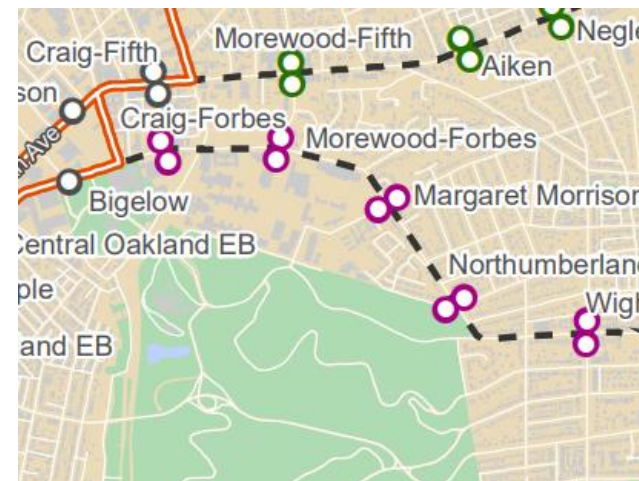
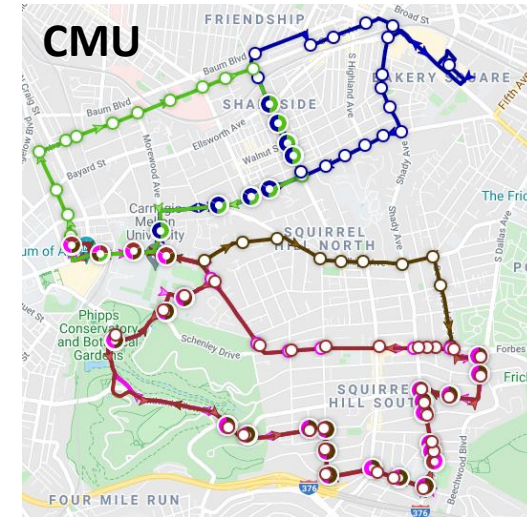
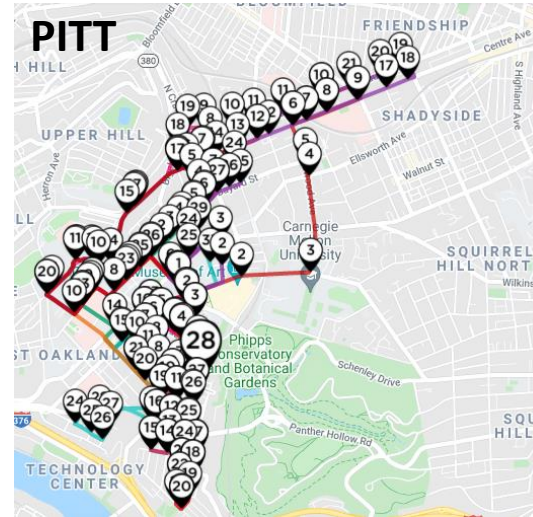
## Evaluation

Provide bicycle coordinator  
Include cycling and wheeled mobility devices as part of transportation plan



# Transit Strategy

- Partner with other Oakland-area shuttle operators - University of Pittsburgh, UPMC, and Chatham - in sharing services to improve network efficiency and operations
- Expand shuttle use to all University ID holders
- Maintain free access to Port Authority services for CMU community
- Consider providing access to some third party vendors who hold CMU IDs
- Support/participate in planned transit projects:
  - Bus Rapid Transit
  - East/Central Pittsburgh Connection (“Project G”)
  - Mon-Oakland Mobility Project





# Sustainability Infrastructure



# Environmental & Sustainability Goals

- 1 Continue to implement & track fulfillment of UNSDG
- 2 Maintain commitment to Pittsburgh 2030 district
- 3 LEED Gold v4 for all development projects \$5M+
- 4 Create platform to track how new development projects contribute to university sustainability goals



PITTSBURGH  
**2030**  
DISTRICTS  
DOWNTOWN - OAKLAND



# Environmental Protection Goals

- 1 Identify & protect sensitive areas
  - Steep slopes
  - Floodplains
  - Heritage trees
  - Habitat
  
- 2 Improve ecological networks
  - Increase native plantings
  - Increase tree canopy coverage
  
- 3 Study Sustainable Sites criteria to understand how it could align with campus practices



### SITES GUIDING PRINCIPLES

These principles informed the development of specific and measurable criteria for site sustainability, and can also be applied to the land design and development process.

**Do no harm.**

Make no changes to the site that will degrade the surrounding environment. Promote sustainable design projects on sites where previous disturbance or development presents an opportunity to regenerate ecosystem services through sustainable design.

**Apply the precautionary principle.**

Be cautious in making decisions that could threaten human and environmental health. Some actions can cause irreversible damage. Examine a full range of alternatives (including no action), and be open to contributions from all potentially affected parties.

**Design with nature and culture.**

Create and implement designs that are responsive to economic, environmental, and cultural conditions and to the local, regional, and global context.

**Use a decision-making hierarchy of preservation, conservation, and regeneration.**

Maximize the benefit of ecosystem services by preserving existing environmental features, conserving resources in a sustainable manner, and regenerating lost or damaged ecosystem services.

**Provide regenerative systems as intergenerational equity.**

Provide future generations with a sustainable environment supported by regenerative systems and endowed with regenerative resources.

**Support a living process.**

Continuously re-evaluate assumptions and values, and adapt to demographic and environmental change.

**Use a systems thinking approach.**

Understand and value the relationships in an ecosystem. Use an approach that reflects and sustains ecosystem services and re-establishes the integral and essential relationship between natural processes and human activity.

**Use a collaborative and ethical approach.**

Encourage direct and open communication among colleagues, clients, manufacturers, and users to link long-term sustainability with ethical responsibility.

**Maintain integrity in leadership and research.**

Implement transparent and participatory leadership; develop research with technical rigor; and communicate new findings in a clear, consistent, and timely manner.

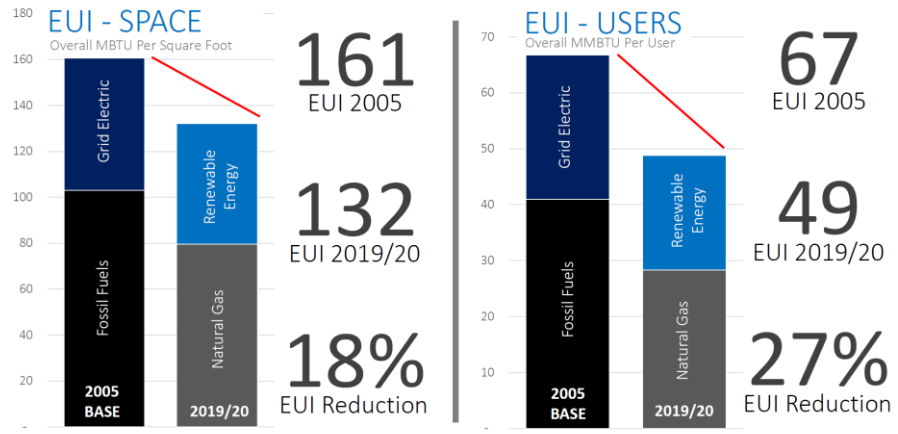
**Foster environmental stewardship.**

In all aspects of land development and management, foster an ethic of environmental stewardship—an understanding that responsible management of healthy ecosystems improves the quality of life for present and future generations.

# Campus Energy Planning Goals

- 1 Minimize consumption with higher efficiency in buildings, use patterns, and behavior
- 2 Invest in cleaner fuel generation & fuel sources
- 3 Create redundancy & systems that can address climate change challenges
- 4 Seek carbon offsets where needed

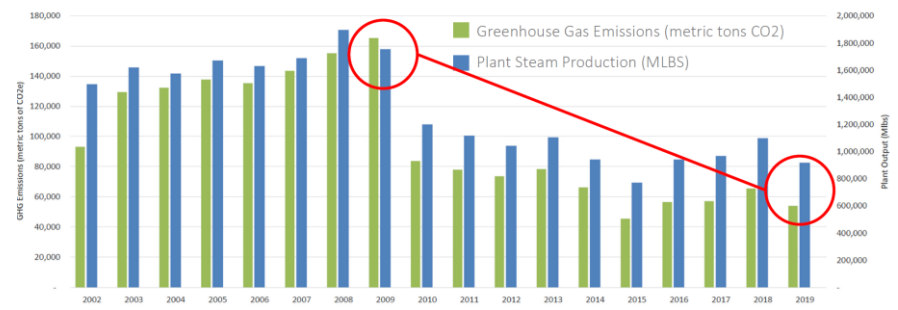
## Energy Efficiency Offsets New Demand From Growth



EUI = Energy Utilization Index



In 2009, Bellefield Boiler Plant Supervisors Voted to 'QUIT COAL'  
Current Plant Emissions 60% Lower



# Stormwater Management Goals

- 1 Minimize flow into the combined sewer system by managing at the source
- 2 Divert stormwater from impervious services to reuse, detention, or landscaping
- 3 Increase incorporation of stormwater infrastructure into open space and landscape planning
- 4 Develop policies for managing and maintaining green infrastructure



# Green Buildings

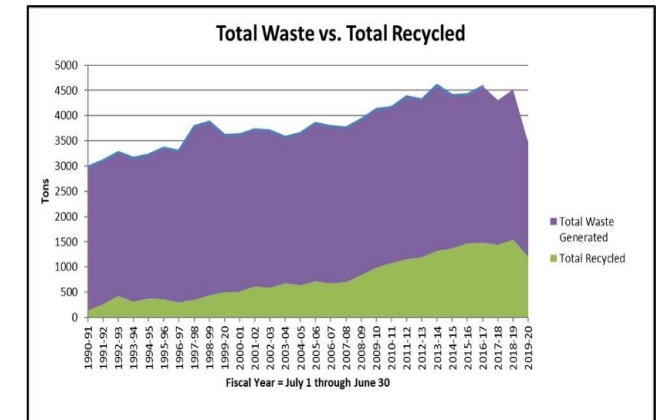
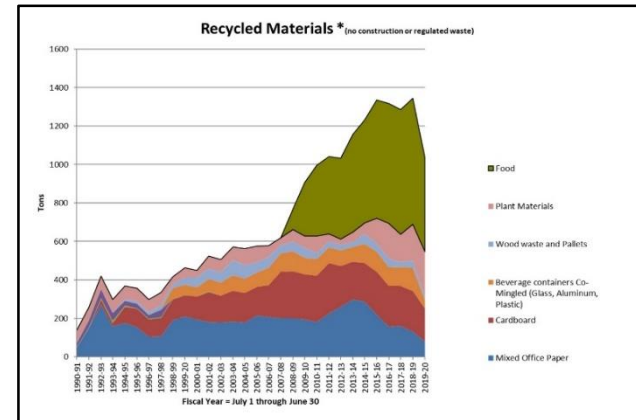
- 1 Integrate energy, water, IAQ, site design, and sustainable material use into every campus building project
- 2 Maintain commitment to LEED Gold v4 for all projects \$5M+
- 3 Collect and improve access to information and statistics for current LEED certified buildings
- 4 Study how to increase LEED certifications for existing buildings and projects <\$5M



# Waste & Water Management Goals

## WASTE MANAGEMENT GOALS

- 1 Develop additional facilities to support expanded composting
- 2 Add additional Big Belly containers
- 3 Increase Zero Waste Events



## WATER CONSERVATION GOALS

- 1 Reduce potable water use by 40% by 2030 (22.3 in 2019)
- 2 Develop a plan to study where 'once-through' uses could be eliminated
- 3 Strive for a "water neutral campus"



# Open Space & Pedestrian Circulation Goals

- 1 Improve access to Beach with new connections from CUC Merson Courtyard and CFA Plaza
- 2 Reimagine CFA parking lot as hardscape pedestrian plaza
- 3 Apply Streetscapes Project concepts to all Forbes, Fifth and Morewood Avenues development projects/areas
- 4 Enhance connections and access to Schenley Park and S Craig Street Area
- 5 Provide additional outdoor seating amenities





# Neighborhood Enhancement



## Chapter 8: Neighborhood Enhancement Strategy

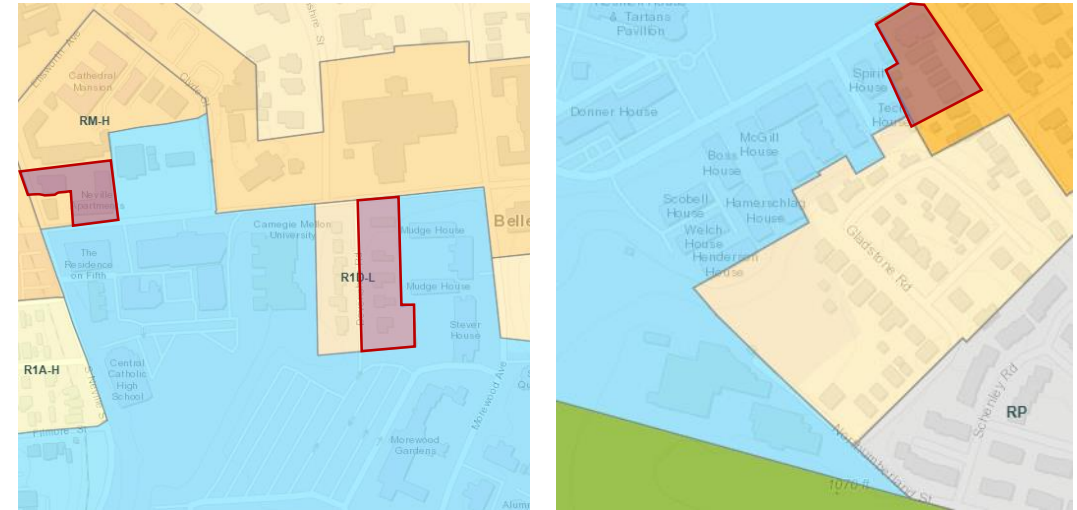
The Neighborhood Enhancement Strategy has 5 components:

- Manage Impacts on Neighbors
- Make Connections with the Community
- Bring Enhancements to South Craig Street
- Provide Amenities that are open & available to all
- Have a Positive Economic Impact on the Region



## Manage Impacts on Neighbors

- “Zone What we Own”
- Increase desirability and availability of on-campus housing for undergraduate students
- Improve processes for educating students regarding expected standards of behavior for off-campus living
- Improve engagement strategy with RCOs & neighborhood groups via new monthly newsletter collating project updates, campus news, and university events
- Create CDFD dashboard for sustainability
- Create online guide to CMU public art
- Develop shared shuttle strategy by partnering with fellow educational institutions



### HOUSING MASTER PLAN GOALS

- Maximize value of existing housing inventory
- Provide more on-campus student housing
- Contribute to urban campus environment

## Make Connections with the Community: Service

Providing service to nurture and strengthen the communities where our neighbors live, work, and play is an essential part of every student's education, starting on day one.

There are more than 40 student-run organizations with a primary purpose of community service, with some beneficiary programs listed below:

- Computer Reach
- Family House
- FORGE (Facilitating Opportunities for Refugee Growth and Empowerment)
- Habitat for Humanity
- Camp Kesem, a summer camp for kids whose parent or parents have cancer
- Strong Women Strong Girls
- Rise Against Hunger
- Community Kitchen Pittsburgh
- Circle K
- Red Cross

Learn more: [cmu.edu/student-affairs/slice](http://cmu.edu/student-affairs/slice)



# Make Connections with the Community: Education

Education at all stages of life:

- Children's School (Preschool & Kindergarten)
- K-12 Direct Instruction (Arts & Computer Science Classes, Summer Camps)
- Pre-College
- OSHER Lifelong Learning Institute

Gelfand Center: More than 100 unique educational opportunities direct to the local community each year in STEAM, Computer Science & Humanities

LGC Educational media: K-12 lesson plans, activities, and other educational materials contributed by the CMU community students

More than 2 dozen service learning courses (direct community engagement) across all 7 colleges

## Training & Professional Development



On-site

All training is conducted at the National Robotics Engineering Center (NREC) in Pittsburgh, PA.

LEGO EV3 (Scratch)
LEGO SPIKE Prime (Scratch)
VEX VS (VEXcode C++)
VEX IQ (VEXcode Blocks)
ARDUINO (C++)



Live Online

Learn from a Robotics Academy instructor from anywhere in the world through interactive sessions. **(Live sessions are recorded)**

LEGO EV3 (Scratch)
LEGO SPIKE Prime (Scratch)
VEX VS (VEXcode C++)
VEX IQ (VEXcode Blocks)
ARDUINO (C++)



Anytime Online

Learn from anywhere in the world, and at your own pace, with the support of a Robotics Academy instructor.

Mechanical Foundations (VEX V5)
Electrical Foundations (Arduino)
Fabrication Foundations
VEX Cortex (ROBOTC)
VEX IQ (ROBOTC)
LEGO EV3 (EV3-G)

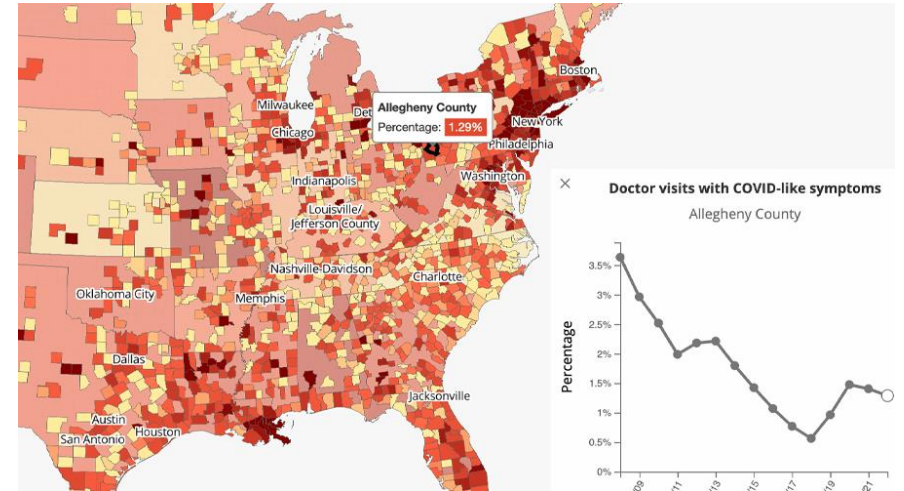
### Leonard Gelfand Center by the numbers...

- Annually since 2007, **over 4,000** Act 48 hours have been processed for PA educators
- **Over 3,300** Criminal, Child Abuse, and FBI Clearances\* have been requested through the Leonard Gelfand Center to certify individuals to work with children
- **9 faculty members** have received the annual Mark Gelfand Award for Educational Outreach
- **21 students** have been recipients of the Gelfand Student Service Award since 2010
- Approximately **30,000 miles** have been driven by Leonard Gelfand Center buses over the past 10 years in an effort to transport CMU students, faculty and staff to conduct educational outreach and service learning in the community
- Since its inception in January of 2015 to the fall of 2016, Gelfand Outreach programs have served **1076 students** in the community with **97 CMU faculty members, staff and students** presenting **80 classes and workshops**
- Leonard Gelfand Center initiatives have impacted **over 40,000 people** through community events, hands-on activities and school visits since 2006

*\*Prior to 2015, clearances required by PA Act153 for CMU students, faculty and staff were requested by the Leonard Gelfand Center.*

# Make Connections with the Community: Research

Collaboration with government and neighborhood leaders, non-profit organizations, and businesses or startups is an expression of our deep commitment to societal impact. We have more than 100 research centers and institutes, many of which have a focus on local or regional issues.



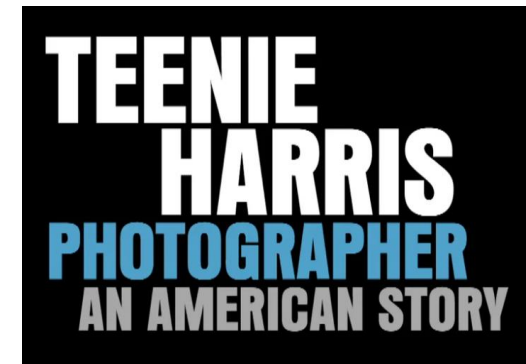
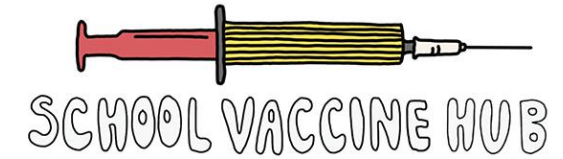
**COLLABORATORY AGAINST HATE**  
RESEARCH AND ACTION CENTER

Carnegie Mellon University      University of Pittsburgh

CMU and Pitt are currently calling for interested collaborators with diverse backgrounds and relevant expertise to build out the center's research team. Those with knowledge and passion for combating extremism and radicalization can [fill out a survey](#) to join or send questions.

# Make Connections with the Community: Arts & Culture

- Arts, design, and architecture are an essential part of the founding vision for Carnegie Mellon University
- Arts and culture continue to play an integral role in the foundation of education for every student
- Creative knowledge moves beyond the campus community to reach into surrounding neighborhoods and extending into our city, state & region
- Building on the rich history of free expression and the world-changing capacity of creativity to transform and advance culture and society is a university priority



## Bring Enhancements to South Craig Street

Include street trees, enhanced lighting, outdoor furniture, 1st fl retail or restaurant establishments, and public art in all capital projects

Provide technical assistance for development of physical solutions to improve the experience of Craig Street

Continue to work with OBID to provide direct financial support & technical assistance to operationalize & organize business owners

Continue Pilot program to provide 2-hour free parking evenings & weekends in CMU lot behind Craig Street

Bring back Craig Street Crawl in 2022 to introduce freshman students (most of whom are not from western PA) to our closest local business district



# Provide Amenities that are Open & Available to ALL

Public use facilities (map):

- Arts: Theatres, concert venues, galleries
- Humanities: Libraries
- Recreation: Gesling stadium, Cut, Mall, paved pathways across campus

Community events:

- Spring Carnival
- Homecoming
- 4<sup>th</sup> of July Fireworks
- Division III sporting events (8 mens teams, 9 womens teams)

Public art maps & online guide, improved signage

Develop improved connections to Schenley Park



Public Art		
1. Frank-Ratchye End of the Day Chandelier	7. Mary Schenley Memorial Fountain	13. Judith A. Resnik Memorial
2. Walking to the Sky	8. Christopher Lyman Magee Memorial	14. Honeycomb*
3. Reclining Figure	9. Westinghouse Memorial	15. Snowmen
4. Carnegie	10. Industry and Opportunity*	16. The Fence
5. Lozziwurm	11. Kraus Campo	17. Cloud Window
6. Light Up	12. Dr. Mao Yisheng Statue	18. University Center Mural

\*the official name of this art is not available



# Have a Positive Economic Impact on the Region

Annual Local, Regional and State Economic Impact



**\$447 million in sponsored research in FY 2020 (most ever in CMU history)**

# Community Outreach to Date

## COMMUNITY MEETINGS

- Bellefield Area Citizens Assoc
- Carnegie Libraries of Pittsburgh
- Carnegie Museums of Pittsburgh
- Community Town Halls (3 sessions)
- Mobilify
- Oakland Business Improvement Dist
- OPDC
- Oakland Task Force
- Park Mansions
- Pgh Parks Conservancy (monthly)
- Schenley Farms
- Shadyside Action Coalition
- Squirrel Hill Urban Coalition
- University of Pittsburgh

## CITY MEETINGS

- Councilperson Erika Strassberger
- Councilperson Corey O'Connor
- Department of City Planning
  - DOMI
  - Neighborhood Planners
  - Public Art & Civic Design
  - Sustainability
  - Resilience
  - DPW
- Forestry
- Green Building Alliance
- Port Authority of Allegheny County
- PWSA



# Upcoming Community Meetings

Tuesday, August 31	Oakland Planning & Development Corporation
Thursday, September 9	Community Town Hall #1 (Noon)
Thursday, September 9	Community Town Hall #2 (4:30 PM)
Monday, September 13	Community Town Hall #3 (6:30 PM)
Tuesday, September 14	Oakland Task Force
Tuesday, October 6	Squirrel Hill Urban Coalition DAM

Want to learn more? Have feedback to share?

<https://www.cmu.edu/cdfd/master-plan/index.html>



[Campus Design and Facility Development](#) > [Master Plan](#)

## Overview

The Institutional Master Plan (IMP) planning process began in February 2020 with the intent of adoption by Pittsburgh City Council in April 2022. From the start, the intention of the Plan was to build upon the strengths of the previous 2012 *Campus Plan* while developing solutions based on principles of design, experience, mobility, context, and opportunity. The planning process, which took place largely in 2020 and 2021, has three phases: Concept & Principles Introduction, Draft Concepts Development, and Finalization & Document Presentation.

[2012 Amended Master Plan](#)

[2022 Master Plan Introduction and Planning Process](#)

[2022 Master Plan Principles](#)

**Email us!:** [cmu2022imp@andrew.cmu.edu](mailto:cmu2022imp@andrew.cmu.edu)

# IMP schedule

