University of Wisconsin – Milwaukee
Master Plan Update
Board of Regents

May 7th, 2009
## Schedule

<table>
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<th>Phase A - Observations &amp; Assessment</th>
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<td>1 Work Sessions</td>
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### 2008

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### 2009

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### Phase B - Vision

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### Phase C - Design Studies

|     |     |     |     |     |     |     |     |     |     |     |     |

### Phase D - Implementation

|     |     |     |     |     |     |     |     |     |     |     |     |

| 9   | 10  |     |     |     |     |     |     |     |     |     |     |
Engagement

**CORE TEAM**
- Monthly meetings with consultants

**COMMITTERS**
- Work sessions and presentations
- Regularly scheduled committee meetings

**CAMPUS**
- Campus presentations
- Met with all departments and schools/colleges
- Feedback sessions, presentations to various groups (Faculty & Student orgs, classes, etc)
- UWM updates to various constituent orgs – Faculty Senate, APBC, etc.

**COMMUNITY**
- Campus presentations
- Visits to community groups & organizations
- Feedback sessions
- Partners have also been engaged in meetings and solicited feedback
Guiding Principles

Open
Responsive
Rigorous
Bold
Guiding Principles

Learning & Discovery
Access & Campus Life
Research Growth & Partnerships
Location & Connectivity
Stewardship
The Master Plan Vision

- Key Drivers
- Opportunity Sites
- Academic Planning
- Research Clusters
- Sustainability
- Campus Life
- Transportation
- Kenwood Campus Design
Key Drivers for the Master Plan

1. The UWM Mission
2. The Academic Plan
3. Research Areas and Partnerships
4. Campus Life
Guidelines to Govern Future Space Distribution

1. Kenwood as gateway for undergraduate education
2. Improve campus life at Kenwood and the East Side
3. Establish relevancy – locate programs throughout the city to respond to regional needs
4. Expand partnership opportunities
5. Enhance connectivity between all UWM sites
UWM VISION: Opportunity Sites

Kenwood
Undergraduate academics and student life

Harbor Campus
Freshwater Science and research

Health Campus
Public Health, Health Sciences, Nursing, Shared clinical space

Wauwatosa
Research clusters
Program: Existing and Projected Space by Type

Existing space needs:
- Classroom: 300,000 GSF
- Lab: 1,200,000 GSF (1,000,000 existing, 200,000 future)
- Office: 900,000 GSF (1,000,000 existing, 100,000 future)
- Study/Library: 600,000 GSF (400,000 existing, 200,000 future)
- Athletic/Special: 500,000 GSF (400,000 existing, 100,000 future)
- Student Life: 800,000 GSF (600,000 existing, 200,000 future)
- Support: 400,000 GSF
- Health: 50,000 GSF
- Residential: 800,000 GSF (600,000 existing, 200,000 future)

Total space need: 1.2 million GSF

Future development:
- Arena: 1,600,000 GSF

Legend:
- Green: Existing
- Orange: Future Development
- Yellow: Arena
Research Clusters

External Partners

University Collaboration

Core Capability Research Clusters

Application Research Clusters

Research & Support Facilities

External Funding
Research Clusters – EXAMPLE - Water

**Private Sector**
- Aquaculture Industry
- Seafood Wholesalers & Retailers
- Urban Aquaculture
- Water Council
- Water Technology / Industry
- Other

**Public Sector**
- DNR
- M7
- MMSD
- Federal Gvmt
- Municipalities
- Community

**Chemistry**
**Math**
**Bio-Sciences**

**Geo Sciences**
**Engineering**
**Geography**

**Health Sciences**
**Economics**
**Public Health**

**Materials Sciences**
**Others**
**Freshwater Science**

**Policy & Economics**
**System Dynamics**
**Health & Sustainability**

**Technology & Aquaculture**

**Analytical Labs**
- Experimental Facilities
- Vivarium

**Technology Centers**
- Fleet Operations
- Facilities/Shop

**Funding**
- USDA, NOAA, Sea Grant, EPA, DOI, WI DNR, ARS, Private Industry, Foundations, NGOs, Others

**Public Sector**
- DNR
- M7
- MMSD
- Federal Gvmt
- Municipalities
- Community

**Environmental Services**
- Water Quality
- Outreach
- Other
Kenwood Campus: Today
Kenwood Campus: In the Future
Kenwood: Academic Neighborhoods

- Campus Life & Student Services
- Administration
- Health Sciences, Public Health, Nursing, Education, Social Welfare
- Architecture, Urban Planning & Business
- The Arts
- Social Sciences, Humanities & Communications
- Engineering & Natural Sciences

Precincts with related faculties
RATIONALE:

1. Maintain critical dock and lake access

2. Serve as a catalyst for the regeneration of the 5th Ward

3. Serve as a model for environmental clean-up and stormwater management

4. Immediately available for development
Research Relationships

Harbor

Energy

Water

Advanced Manufacturing

Computation

Testing

Wet Labs

Aquatic Vivarium

Wet Labs

Fleet Operations / Shop

Computation

Clean Rooms

Testing

Instructional Space

Offices

Student Life & Support

Public & Outreach Space
RATIONALE:

1. Position UWM as new center for clinical research

2. Locate within a vibrant district with a range of retail, food service, and residential amenities

3. Locate UWM in new part of the city

4. Proximity to partners: Aurora-Sinai and MATC

5. Immediately available for development
Research Relationships

Downtown

- Health Care Informatics
- Prevention & Wellness
- Environment & Population Health
- Urban Initiatives / Social Science Research
- Disease / Disability / Rehab

Clinical Space
- Observation & Assessment
- Computation
- Public Outreach

Instructional Space
- Offices
- Student Life & Support
- Public Space
RATIONALE:
1. Create a cluster research district with multidisciplinary research centers
2. Establish relevancy by locating near key partners
Research Relationships

County Grounds

- Bio Medical Science
- Bio Medical Engineering
- Transportation

Computation
- Wet Labs
- Vivarium

Seminar & Conference Space
- Offices
- Student Life & Support
- Public Space
Sustainability

Green Principle Categories

Community: Social/ Economic
Water Resources
Energy & Emissions
Natural Systems
Transportation Options
Materials
A Comprehensive Approach to Transportation

Source: Transport Canada (www.tc.gc.ca)
Campus Life

- Study space / Learning commons
- Activate first floors of existing buildings
- Recreation and open space
- Athletics
- Collaboration space
- Student Housing
Campus & Community
UWM's Existing Neighborhood Initiatives

• COAST
  • Student leadership in community relations

• University Neighborhood Relations Office
  • Walk to Work Employee Home Ownership Program

• University Neighborhood Association

• Neighborhood Housing Office

• Milwaukee Landlord Program
  • City of Milwaukee offers free landlord training courses
  • Required by UWM in order for landlords to register with the UWM housing site
Moving Forward…

• Opportunity sites design
• Programmatic fit at sites
• Kenwood design detail
• Research Cluster
• Space Distribution
• Decision Tree
• Implementation – *infrastructure, financial, resource sustainability, feasibility & timing*
• Design Guidelines
Greatness is not in where we stand, but in what direction we are moving. We must sail sometimes with the wind and sometimes against it – but sail we must and not drift, nor lie at anchor.

-Oliver Wendell Holmes