PRESENTATION /30min
Q+A /20min
PRESENTATION

1. Overview of Project Intent and Process
2. Growth of BU to 2023
3. Land Use and Building Use
4. Circulation and Open Space
5. Implementation
1. Overview of Project Intent and Process
2. Growth of BU to 2023
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OVERVIEW OF PROJECT INTENT AND PROCESS

- Future construction projects that **support** the academic mission
- Inform **future** construction funding requests
- **Fundamentally the process is about maximizing the value of limited resources**
# Overview of Project Intent and Process

<table>
<thead>
<tr>
<th>1. Campus Profile</th>
<th>Gather background information about the campus.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan– Apr 2010</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2. Conditions Assessment</th>
<th>Understand existing conditions, opportunities, and constraints; identify issues and considerations to inform current and future uses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan – Jul 2010</td>
<td></td>
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<table>
<thead>
<tr>
<th>3. Analysis of Space Needs</th>
<th>Identify current and future utilization, capacity, and space needs of campus facilities and programs based on institutional mission and academic direction.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mar 2010 – Jan 2011</td>
<td></td>
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<table>
<thead>
<tr>
<th>4. Concept Alternatives</th>
<th>Propose facility development alternatives: “How do we get there from here?”</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sep 2010 – Feb 2011</td>
<td></td>
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<table>
<thead>
<tr>
<th>5. Final Recommendations</th>
<th>Provide a plan to prioritize and sequence future capital projects and identify capital funding requirements that support mission.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feb – Mar 2011</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>6. Report Realignment</th>
<th>Assist in reconciling this FMP with those from around the State.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feb – Apr 2011</td>
<td></td>
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</tbody>
</table>
BINGHAMTON UNIVERSITY’S FMP

- Define the **required campus environment** to realize strategic mission and academic goals
- Create an **implementable roadmap** to guide campus development over two capital funding periods: 2013-2018 and 2018-2023
1. Overview of Project Intent and Process
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**GROWTH OF BU TO 2023**

**SPACE NEED PROJECTIONS**

- **Existing 2009**: 500,000 ASF
- **Need 2009**: 600,000 - 700,000 ASF
- **Proj 2013**: 300,000 ASF, 3-4 buildings
- **Proj 2018**: 500,000 ASF
- **Proj 2023**: 1,000,000 ASF

**“Sustained Growth”**
- 500,000 ASF, 6-7 buildings

**“Building Capacity”**
- 300,000 ASF, 3-4 buildings

**BINGHAMTON UNIVERSITY FACILITIES MASTER PLAN**
**OPEN FORUM SESSION, 13 APRIL 2011**
CAPITAL PROJECT TYPES

Renovation

- Maximizing the value of existing facilities investments
- Opportunity for substantive change

New Construction

- Adding facilities capacity to support enrollment growth
- Catalyzing cycles of renovation

Project types tied to distinct funding streams…
IMPORTANCE OF PRIORITIZATION

- Given the magnitude of need, it will be important to **make the right first moves**
- Strategy will involve **maximizing existing facilities**
- Priorities are measured against the **FMP Planning Principles**
1. Overview of Project Intent and Process
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5. Implementation
building capacity

RENOVATION:
Initiate major renovation projects at Bartle Library, Engineering Building, Fine Arts Building, Sciences Complex.

NEW CONSTRUCTION:
Catalyze major renovations while expanding capacity and showcasing unique BU programs.

sustained growth

RENOVATION:
Continue major renovation projects initiated during the building capacity period.

NEW CONSTRUCTION:
Focus on capacity expansion with continued emphasis on showcasing unique BU programs.
support contemporary learning environments

- Align facilities with a range of contemporary pedagogical strategies
- Upgrade learning environments for modern technologies
- Integrate “soft” gathering and study spaces throughout the campus to support informal learning
highlight the spirit of Binghamton University

- An elite public university
- Campus that features access to unique natural resources
- Fostering inquiry and discovery with a student-centric focus
- Rich diversity with a commitment to the global perspective
PROGRAM FAMILIES

1. Harpur Fine Arts, Humanities, Social Sciences, Math
2. Harpur Sciences & Anthropology
3. Watson Engineering
4. Professional Programs
5. Classrooms & Computer Labs
6. Centers, Institutes, Grant Funded Programs
7. Libraries
8. Student Activities & Services, Administration, ITS
9. Athletics, Recreation, Health & Wellness Services
10. Campus Services, Building Services
Building Capacity Period
FACILITIES INVESTMENT

LAND AND BUILDING USE

BINGHAMTON UNIVERSITY FACILITIES MASTER PLAN
OPEN FORUM SESSION, 13 APRIL 2011
goals

- Renovate and upgrade legacy facilities at Bartle Library and Fine Arts Building
- Expand academic facilities at the new Interdisciplinary Academic Center
- Showcase the University’s commitment to internationalization at the new Globalization Center
LAND AND BUILDING USE

BINGHAMTON UNIVERSITY FACILITIES MASTER PLAN
OPEN FORUM SESSION, 13 APRIL 2011

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HARPUR FINE ARTS, HUMANITIES, SOCIAL SCIENCES, MATH Projects

Bartle Library Renovation

Fine Arts Building Renovation
LAND AND BUILDING USE

New Interdisciplinary Academic Center

New Globalization Center

HARPUR FINE ARTS, HUMANITIES, SOCIAL SCIENCES, MATH Projects
HARPUR FINE ARTS, HUMANITIES, SOCIAL SCIENCES, MATH

LAND AND BUILDING USE

BINGHAMTON UNIVERSITY FACILITIES MASTER PLAN
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Swing Space at Original Dickinson Community
goals

- Renovate and upgrade legacy facilities at the Sciences Complex
- Expand academic facilities at the new ITC Natural Sciences
- Co-locate key academic units to foster interdisciplinary innovation and discovery
HARPUR SCIENCES AND ANTHROPOLOGY Projects

LAND AND BUILDING USE

BINGHAMTON UNIVERSITY FACILITIES MASTER PLAN
OPEN FORUM SESSION, 13 APRIL 2011
goals

- Renovate and upgrade legacy facilities at the Engineering Building
- Provide new designated facilities for the foundational Engineering Design program
- Improve co-location by relocating all program from the ground level of Bartle Library
- Provide capacity expansion at the ITC Campus
WATSON ENGINEERING  Projects

LAND AND BUILDING USE

BINGHAMTON UNIVERSITY FACILITIES MASTER PLAN
OPEN FORUM SESSION, 13 APRIL 2011
goals

- **Provide capacity expansion** at the Academic Complex and in adjacent buildings
- With expansion, **upgrade for competitive laboratory facilities** that address changing technological needs
- **Construct a new School of Law** to support the academic school, assumption of off-campus location for planning
- **Construct a new Professional Program Building** for further capacity expansion
PROFESSIONAL PROGRAMS

Projects

Professional Program Building

Student Wing

Academic Complex

Science I

LAND AND BUILDING USE

BINGHAMTON UNIVERSITY FACILITIES MASTER PLAN
OPEN FORUM SESSION, 13 APRIL 2011

29
goals

- Provide a variety of classrooms to support a full range of contemporary instructional needs
- Upgrade classrooms for technology and provide designated media-rich rooms
- Renovate and replace classrooms to improve the overall quality of the University’s inventory
goals

- Provide state-of-the-art facilities at the ITC Campus
- Upgrade and expand facilities for existing programs with renovation and new construction
- Encourage innovation and discovery by providing seed-space for centers and institutes
goals

- Emphasize the library’s role as the center of the intellectual community with spaces that foster inquiry and collaboration
- Consolidate physical collections from on-campus and off-campus at an on-site storage facility
- Renovate and upgrade legacy facilities at Bartle Library
On-Site Storage Facility
LIBRARIES Projects

LAND AND BUILDING USE

BINGHAMTON UNIVERSITY FACILITIES MASTER PLAN
OPEN FORUM SESSION, 13 APRIL 2011

37
STUDENT ACTIVITIES & SERVICES, ADMINISTRATION, ITS

goals

- Co-locate student service functions (admissions, registrar, financial aid, etc.) for improved service
- Provide alumni presence at a designated Alumni Center
- Feature BU’s history in liberal arts at a new Harpur Center for student advising and key innovative programs
- Showcase the BU’s commitment to internationalization at the new Globalization Center
- Maintain a distributed model of student academic support services

LAND AND BUILDING USE
STUDENT ACTIVITIES & SERVICES, ADMINISTRATION, ITS

Projects

Student Services
One-Stop, Admissions

Harpur Center

Alumni Center, ITS

LAND AND BUILDING USE

BINGHAMTON UNIVERSITY FACILITIES MASTER PLAN
OPEN FORUM SESSION, 13 APRIL 2011
STUDENT ACTIVITIES & SERVICES, ADMINISTRATION, ITS Projects

New Globalization Center
goals

- Construct **addition to East Gym** for indoor court space
- **Renovate West Gym** for improved Student Athlete Center and HWS Academic Center
- Upgrade an **outdoor field** for artificial turf surface and lighting to provide extended use
goals

- Upgrade Central Heating Plant to provide increased capacity around a model of sustainability
- Renovate legacy facilities at the Physical Facilities Complex to **maximize their useful capacity**
CAMPUS SERVICES, BUILDING SERVICES  Projects

LAND AND BUILDING USE
BINGHAMTON UNIVERSITY FACILITIES MASTER PLAN
OPEN FORUM SESSION, 13 APRIL 2011
Sustained Growth Period
PROGRAMMATIC GOALS

1. Major capacity expansion for Liberal Arts, Sciences, and Engineering programs with two new buildings

2. Support for student population growth with new student center and recreation facilities

3. Support campus operations with Physical Facilities expansion and a co-located facility for Campus Safety departments

LAND AND BUILDING USE
KEY DEVELOPMENT SITES

Academic & Student Expansion

New Academic Building

Recreation Center Expansion

Physical Facilities Expansion

New Sciences Building

LAND AND BUILDING USE
1. Overview of Project Intent and Process
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enhance the campus’ unique sense of place

- Clarify circulation and wayfinding on campus for all users
- Provide a variety of space types to support a range of activities
- Showcase and enhance both formal and natural landscape features
- Incorporate sustainable strategies into campus landscape and circulation
CONCEPTUAL SITE PLAN

CIRCULATION AND OPEN SPACE

1. Vehicular Circulation
2. Pedestrian Circulation
3. Open Spaces
OPEN SPACES

CIRCULATION AND OPEN SPACE

BINGHAMTON UNIVERSITY FACILITIES MASTER PLAN
OPEN FORUM SESSION, 13 APRIL 2011
CAMPUS ENTRANCE

LEGEND
1. Vestal Parkway
2. Grassed Entrance with New Sign
3. Legacy Harpur College Sign
4. Traffic Island with Seasonal Plantings
5. Native Grass Planting
6. Water Distention Pond
7. Earth Mound Barrier to Recreation Fields

CIRCULATION AND OPEN SPACE
PRIMARY QUADRANGLE  Peace Quad

LEGEND
1. Peace Quad Lawn
2. Pedestrian Spine Extension
3. Overlook
4. Lawn Steps
5. Lawn Entry Plazas
6. Café Bosque
7. Vehicular Drop-Off

CIRCULATION AND OPEN SPACE
PRIMARY QUADRANGLE  Peace Quad

CIRCULATION AND OPEN SPACE
LOCAL QUADRANGE  Sciences Quad

LEGEND
1. Lawn Area
2. Seating Bosque
3. Native Plantings
4. Bioswale
5. University Commons Access
6. Service Drive
7. Evergreen Screen

CIRCULATION AND OPEN SPACE
LOCAL QUADRANGE  Sciences Quad

CIRCULATION AND OPEN SPACE
**LEGEND**

1. Lois B. DeFleur Walkway
2. Planters with Seatwalls
3. Corduroy Paving
4. Fountain
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FROM VISION TO REALITY

from vision to reality

- Process of translate program initiatives into capital projects for implementable roadmap
- Building the future of BU through campus renovation and new construction projects
high quantity of capital projects