Today’s Goal

– To provide a status report on the current progress made on the LRDP Update

– To review our findings, opportunities and constraints, programming information, assumptions

– To review master plan options and plan options to guide us in refining the master plan
What is a Long Range Development Plan?

- The UH Hilo Long Range Development Plan (LRDP) is a master plan for infrastructure, physical facilities and open space within an available land base that will provide a framework for the organized development of the campus.

- The LRDP has an immediate timeframe of 10 years, but should also be able to support the programmatic objectives of UH Hilo’s ultimate Strategic Plan with the flexibility of adapting to changes and the given unpredictable nature of funding for capital improvements within a state-supported institutional structure.
Process Chart and Schedule
Draft Vision Statement

In the year 2020, the University of Hawai‘i at Hilo will be the State’s premier residential college campus. Planned as a global village the campus will be part of a University Town that will help to create a vibrant student life. Together with the campus, the University Town will create an environment where students can live, learn, work and play. Capitalizing on the Big Island’s natural beauty and its environmental and cultural diversity, the school will be a leader in providing quality liberal arts programs, professional education programs and progressive research.
Draft Vision Statement

To achieve this vision, resources will be allocated to create:

- an intimate, walkable campus integrated with multi-use gathering spaces;
- a variety of clustered student, faculty, and retiree housing;
- a symbiotic relationship between the University and Hilo town community to allow businesses to flourish while providing students with additional services, entertainment, and extracurricular opportunities, as well as to sponsor events open to the public; and
- state-of-the-art, well-maintained, flexible, sustainable educational facilities able to adjust to changing future requirements.
Baseline Research

- State Land Use Districts
- County Regulations
- Flood Zones
- Surrounding Landowners and Uses
- Climate/Microclimate Conditions
- Slope Analysis
- Existing Building Conditions
- Infrastructure Analysis
- Other Significant Site Characteristics (trees, vegetation, flooding/drainage, views, access & circulation, and open space)
Site Opportunities and Constraints

Site Analysis
Site Opportunities and Constraints

Circulation and Parking
Site Opportunities and Constraints Summary

Opportunities

- Great mauka and makai views from higher elevations
- Ample land area for expansion
- Opportunity to capitalize on adjacencies and create an education corridor (Waiakea High School/Intermediate and Elementary and Research Park and Facilities)
- Opportunity to capitalize on historic and cultural aspects of the site
- Opportunity for sustainability and LEED
- Opportunities for interesting stormwater management design
- Could take advantage of numerous sloped conditions
- Campus with a distinct character and sense of place

Constraints

- Wet climate, makes it more difficult to get around the property
- Drainage channel is a barrier
- Steep slopes > 20% in some areas
- Parking
- Lack of commercial activities to create a live, learn, work and play environment desired with the college town
- Lack of public transit access and service to the campus
- Adjacencies-education corridor with schools (High/Intermediate/Elementary) may be a challenge
Campus Building Blocks

1. Open Space
2. Buildings and Monuments
3. Landscaping
4. Edges
5. Entries/Gateways
6. Circulation
Most Cherished Place Exercise

Questions…

• What place is your most cherished place on campus, and why?

• What places is in most need of improvement on campus, and why?
Program Planning

UH Hilo Projected Growth

• 1994 UH Education Research Institute projected 3.5% growth rate

• 3,700 student head count projected for Year 2000

• 4,000 head count reflects Fall 2009 enrollment
Program Planning

• Assumptions-Planning process should be explore growth opportunities and options for the campus, to ensure planning can occur in a planned, orderly fashion

• Possible Enrollment Levels (Academic Program, Parking, Housing)
  – 7,500 Students baseline
  – 10,000 Students
  – 15,000 students
Program Planning

Total Projected Gross Area based on 7500 student head count (excluding housing, parking structures and health care)

- Total Projected Area Range of 1,065,000 GSF to 1,425,000 GSF
- Average Total Area = 1,317,953; equates to 176 GSF per student head count
Master Plan Options
(Conceptualization Goals)

- Explore possible development scenarios and development concepts for future campus development to assure that there is adequate space to grow and that planning and growth can occur in a planned, orderly fashion.

- To achieve consensus on a conceptual direction for long range development of the campus, so development can occur in an orderly fashion, regardless of the campus’ growth rate.

- Focus is on spatial relationships rather than where programs should go.
Master Plan Conceptualization

SCHEME 1: UNIVERSITY CORE

- Academics concentrated around Student Core
- Housing along periphery
- Expansion in all directions
- Mixed-Use facilities: Academics (bottom), Housing (top)
- Higher-Density (taller buildings)
- Academics within five minute walk
- Housing within outskirts five minute walk
- Mauka Science & Tech Park
Master Plan Conceptualization

SCHEME 2: ACADEMIC ROW

- Greenway spine connector
- Academic, Student Core, and Housing all connected
- Medium-Density option
- Potential University Expansion across gulch
- All University facilities within outskirts of five minute walk radius
- Mauka Science & Tech Park
Master Plan Conceptualization

SCHEME 3: ACADEMIC CLUSTER

- Clustered Academic concentrations
- Campus expansion across gulch
- Lower Density than other options (low buildings)
- Athletics/Arena expansion along Komohana Street
- Facilities within ten minute walk radius
- Commercial corridor along highway realignment
- Pedestrian bridges across gulch
- Connection and physical relationship with existing Science & Tech Park
Preferred Master Plan Concept

- Clustered Academic concentrations
- Campus expansion across gulch
- Low-Density (low buildings)
- Athletics/Arena expansion along Komohana Street
- Facilities within ten minute walk radius
- Commercial corridor along highway realignment
- Pedestrian bridges across gulch
- Connection and physical relationship with existing Science & Tech Park
Preferred Footprint Plan of Master Plan Concept

INSERT PREFERRED FOOTPRINT PLAN HERE OR PRESENT ON WALL