Academic Plan – Process

- Academic Plan based on
  - Iterative campus process involving departments, deans, academic senate
  - Coordination with evolving strategic plan for the University of California

- Academic Plan sets the stage for LRDP
  - Identifies strengths, opportunities, challenges
  - Sets planning principles and disciplinary goals
  - Identifies upper bounds for student enrollment and corresponding faculty and staff
  - Sets target for graduate/undergraduate mix
UCSB Today
A top tier research university

- Member of the American Association of Universities (top 62 universities in North America)
- 5 Nobel Prizes in 8 years
- Ranked 2nd of all Public Research Universities in Graham-Diamond Study
- >25 members of the National Academy of Science
- >25 members of the National Academy of Engineering
- >80 Guggenheim Fellows
- Top 50 in Diversity Best Practices
- >$150 million per year in research funding
- >$70 million per year in private giving
Enrollment Plan

- **Managed Growth**
  - Enrollment growth -- “1%/year” -- to 25,000 by 2025
  - Growth in Graduate enrollment to at least 17%

- **Context**
  - Part of UC Enrollment Plan
  - Meeting California workforce needs
  - Academic opportunities
Challenges

- Faculty growth (250) and renewal (550)
- Staff growth and renewal
- Housing
- Student support
- Resource management and sustainability
Campus Plan
Existing Figure/Ground

- Campbell Hall
- Storke Tower
Campus Plan
Removal of Low-Density Buildings

Storke Tower
Campbell Hall

Storke Tower
Campus Plan
Axial Ordering Overlay

Campbell Hall
Storke Tower
Campus Plan
Open-Space Overlay

Storke Tower

Campbell Hall

Storke Tower
Campus Plan
Build-to Lines for Future Buildings

Storke Tower

Campbell Hall

Storke Tower
Campus Plan
Proposed Building Sites

Storke Tower

Campbell Hall

Storke Tower
Campus Plan

Storke Tower

Campbell Hall

Storke Tower
Area Plans
Removal of Low-Density Buildings Library Mall
Area Plans
Pardall Mall Buildings Frame View to Ocean Bluffs
Area Plans
Removal of Low-Density Buildings Storke Tower Mall
Area Plans
Proposed Storke Housing Site
Area Plans
Existing Ocean Road Underpass
Enrollment

The 1990 LRDP predicted growing from 18,000 students to 20,000. Today we enroll 20,000 students.

Vision 2025 proposes a population of 25,000 students by 2025-2026. This represents a growth rate of 1% per year.

It is anticipated that 17% of the student population will be composed of graduate students.
Acreage

The 1990 LRDP included 828 acres. During this planning period the campus acquired 174 acres surrounding the Ocean Meadows Golf Course and the 19 acre Francisco Torres site.

The campus purchased the 33 acre Devereux site in 2007.

Vision 2025 will provide a physical plan for 1,055 acres.
Instruction, Research, and Support Space

In 1990 the campus had 2 million ASF of instruction, research, and support space. The 1990 LRDP predicted the need for 1.2 million additional ASF.

During the 1990 LRDP planning period the campus built or planned approximately 1 million ASF. The campus has approximately 2.9 million ASF of instruction, research, and support space.

Vision 2025 proposes an additional 1.4 million ASF bringing the total to 4.3 million ASF.
Housing

The 1990 LRDP stated a goal of housing 30% of the student population with 115 units of faculty housing.

We have exceeded that goal. We will soon house 35% of our student population with 237 faculty housing units.

Vision 2025 proposes housing 50% of our student population while providing 1,800 faculty and staff housing units.
2009-2025 Long Range Development Plan Components

Parking

The 1990 LRDP proposed 8,145 parking spaces.

The campus has 10,480 parking spaces today.

Vision 2025 proposes 14,000 parking spaces.
Building Heights

- Scanned Archives of Building Elevations
- LIDAR
  - AIRBORNE 1
- CAD drawings
- Sketchup
August 16, 2006

Santa Barbara, CA – LIDAR Mapping Project

Mr. Keith Clarke
University of California, Santa Barbara
Geography Dept.
543 Casmalia Court
Goleta, CA 93117

Dear Mr. Clarke,

We at Airborne 1 appreciate that you selected us to perform LIDAR services on your recent project. We hope that you have been pleased with the level of services offered by our team, and are enclosing 1 DVD of the deliverables contracted for in our services agreement. This includes 1 DVD containing data in CA State Plane Zone 5, NAD83/NAVD88, Meters, of the following:

1. Extracted features: First Pulse & Last Pulse
2. Bold Earth First Pulse & Last Pulse
3. All Shots First Pulse & Last Pulse

Once again, we at Airborne 1 thank you for your business and hope to pursue this relationship for many years to come. If you have any questions or require any assistance with your data, please do not hesitate to contact any member of our team.

Sincerely,

Jason Beatty
Data Analyst
Airborne 1 Corporation

2251 N. Sepulveda Drive, #102, Suite 11
San Diego, CA 92126
Phone: 858-316-7366 Fax: 858-416-2400
Application/Animation

- Export to VRML
- Animation
  - Manual Navigation
  - Flyover Navigation
  - ESHA
Next Steps?

- “Clean” the terrain/surface with new tools in ArcGIS v10
- “Articulate” the buildings
- Evaluate ESHA areas more closely

Links

http://facilities.ucsb.edu/planning/

http://lrdp.id.ucsb.edu/