



Space Initiative

Space Planning & Advisory Committee

April 1, 2010

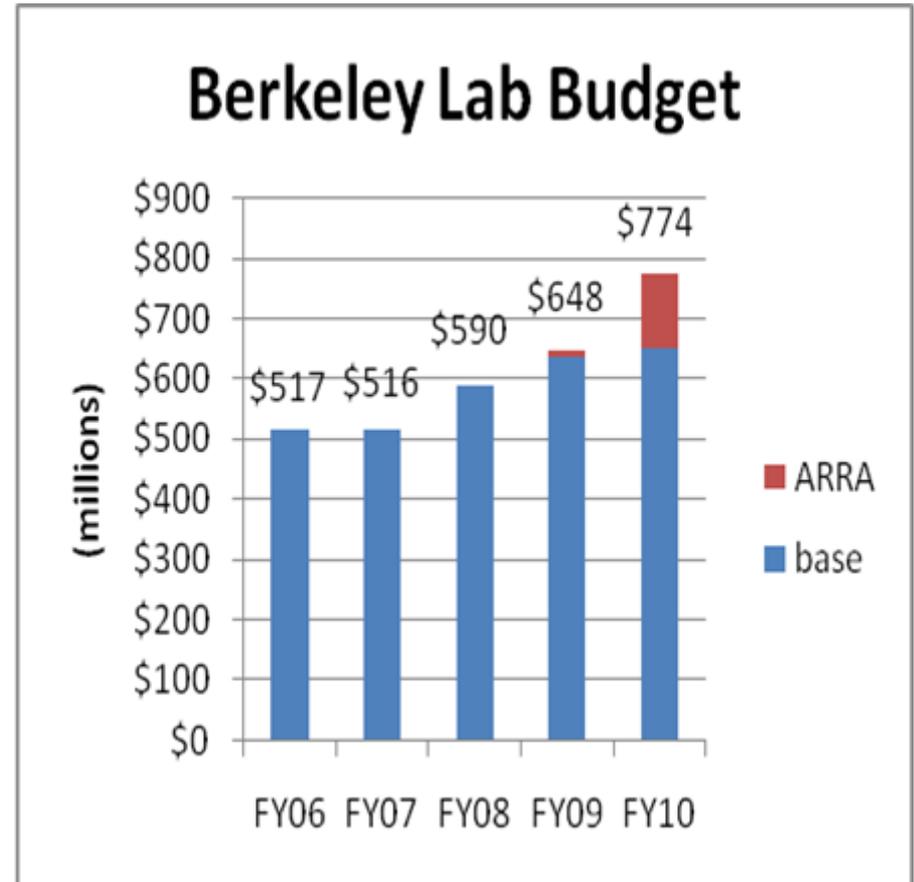
Critical Space Shortage

- Over the next 18 months, LBNL needs
 - Approximately 500 work spaces
 - 300 new
 - 200 displaced
 - Approximately 15,000 sf of laboratory space
- Short-term Plan
 - Use space more efficiently to accommodate growth
- Long-term Plan
 - Develop a second campus solution



Drivers

- Program growth
- Lost opportunities



Other Space Issues

- Poor quality of office space in older facilities
- Inadequate space for interaction and collaboration
- Divisions are fragmented across the site



Path Forward

- Develop Governance Model
 - Appointed LBNL Space Manager
 - Chartered the Space Planning & Advisory Committee (SPAC)
- Dialog with LBNL Staff
 - Brown Bags
 - E-mails
- Develop and implement plans based on new space standards
- Develop Strategic Space Management Plan



SPAC Members

- Facilities Planner
- Business Manager, IT
- Deputy Division Director, ChSD
- Senior Scientist, Physics
- Deputy Division Director, LSD (Chair)
- Deputy COO & Space Manager
- Deputy Division Director, ESD

Role of the SPAC

Space Standards

- SPAC will provide recommendations to the Laboratory Director, COO, and Space Manager on
 - Guidelines, policies, procedures and metrics for the allocation and utilization of space across the Laboratory
 - Resolution of space allocation conflicts
 - Increased efficiency and optimization based on space utilization survey data
 - Capital appropriations, purchases and improvements as these impact space utilization



Other Committee Considerations Moving Forward

- Review and recommend options for a space charge
- Ongoing review and recommendations for effective utilization of laboratory and office space



Challenges

- Culture
- Execution
- Metrics



Metrics

- SPAC's criteria
 - Ability to recruit and retain scientists and support staff
 - Provide appropriate amount of space commensurate to the position
 - Develop additional space for collaboration and informal discussions

Options

- Accommodate all of the growth and displaced staff on the hill
 - Increase density to 60 nsf/person
 - All employees at 64 nsf/person and GSRAs at 40 nsf/person
 - Invest overhead funding in modifying facilities and infrastructure for increased density
- Obtain an off-site lease for ~ 200 staff for three years
 - Increased spending for off-site lease
 - Compression still required on the hill to accommodate remaining 300 staff
 - Invest overhead funding in modifying facilities and infrastructure for increased density

Selected Option

Office Space Allocation

- Metrics are a guideline to determine office space allocation to Divisions
 - Allow Division Directors discretion in applying the guidelines within their allocation and building characteristics
- Validating metrics with several divisions to determine impact
 - Chemical Sciences
 - Earth Sciences
 - Environment & Energy Technology
 - Information Technology
 - Life Sciences
 - Physics



Group	Description	Recommended Metric Up to (net sf/person)
1	One level below DDs and above	140
2	Sr. Scientists, Staff Scientists, Faculty Scientists	120
3	Research Scientists, Project Scientists, Sr. SEAs, Group Leaders, Managers	100
4	Engineers, SEAs, Project Scientists, Research Associates, Systems Administrators, Executive Assistants, Software Developers, & other technical staff	64
5	Operations Divisions staff, Admin. Assistants, Project Managers, Program Managers	64
6	Post-Docs	64
7	GSRAs	40
8	Rehired Retirees	64

Group	Description	Recommended Metric Up to (net sf/person)
1	One level below DDs and above	140
2	Scientists, Engineers, Group Leaders, and Managers	100
3	Other technical staff, administrative staff, and rehired retirees	64
4	Post-docs and graduate students	48

Average net square feet/person = 75

Division allocation will include additional space
for collaboration, guests, and utilization



Space Goals

- Implement standards
- Increase the effectiveness of space utilization
- Reduce fragmentation
- Better quality space
- Space to support greater staff interaction and collaboration
- Improve furniture, lighting, acoustics, and HVAC systems

A more modern and collaborative environment!



Comments?