

ITPB Wireless Subgroup

March 3, 2008 and April 7, 2008 Meetings

1. At the January 2008 ITPB meeting, the ITPB discussed and agreed to the wireless working group recommendation for a field assessment to determine access point locations and costs to provide wireless coverage for the inside and outside locations requested by students (see attached). The objective is to be responsive to student needs to the extent possible in the short run.

Upon further review and refinement, the following recommendations are made:

- a. **Proceed with the assessments/implementation of the general open and other areas on the student list.** These assessments are within the range of services currently funded through TIF and are therefore a reasonable TIF expenditure. The expectation is that upon completion of the assessment there will be a prioritization process to determine which areas will proceed with deployment of wireless - the constraint being available funding within TIF (Technology Infrastructure Fee) and without raising the TIF rate.

The areas identified by USAC that have been completed include the following six general open areas:

1. Housing lounge areas
2. Kerckhoff study rooms
3. BioMed Library
4. YRL fringe areas
5. Jimmy's coffee House (Luvalle Patio)
6. Bruin Walk (North of ASUCLA)

The areas identified by USAC that will be completed include the following three general areas:

7. Inverted Fountain
8. Court of Sciences
9. LaKretz.

The remaining areas identified by USAC that require improvement and will be part of the assessment include the following general / open areas:

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| 1. Wooden | 11. Student activities center |
| 2. Pauley course way | 12. Fowler |
| 3. Royce | 13. Perloff |
| 4. Franz | 14. Janss Steps |
| 5. Fowler | 15. Center for Health Sciences (CHS) |
| 6. Haines | 16. Med School courtyard |
| 7. Kinsey | 17. General assignment classrooms |
| 8. Pavilion | |
| 9. Bunche | |
| 10. Math Science | |

- c. coverage that supports RFID use and other forms of institutional data collection and use, i.e. transportation, sensor networks
 - d. technology that supports local and/or shared management of in-building access points
 - e. technology that supports guest and visitor access that can be locally managed while provided centrally to the campus.
 - f. technology that supports wireless video streaming
 - g. standard acceptable security practices as well as policy that minimizes rogue networks
 - h. identify options for off-campus wireless access to UCLA resources (potentially provisioned through a variety of options and/or providers)
3. ITPB wireless subgroup had originally recommended a “survey” to understand the future requirements for the campus with which to further develop and confirm the list of compelling drivers/expectations. In considering the parameters of this kind of information gathering exercise, we are recommending an environmental scan that includes realistic visioning with other ITPB workgroups, realistic projection of technology trends and lifecycles through the Next Generation Network team, and information gathering about campus interest in understood wireless trends and comparisons with other institutions.

In this regard, we are recommending that:

- a. The CCLE, Data Management and Research CI workgroups convene to envision short and longer-term wireless expectations for research and education.
- b. The Office of Information Technology and Administration organize focus groups with such areas as Medical Center and its’ clinical enterprises, General Services (Facilities Management), Transportation Services, Inventory Operations, UCLA Police Department, Student Affairs, Libraries and Housing to develop a campus perspective on emerging wireless supported directions.
- c. The Next Generation Network team review emerging technologies and implementation trends at other institutions and provide recommendations on the technical deployment and operating models to best meet campus requirements and expectations and/or stage a deployment that can meet short- and long- term expectations.