

October 25, 2010

Research Master Plan Parameters (DRAFT)

1. Research Targets

- To hit \$150 million in research expenditures by 2015, need over 10% annual growth
- FY10 – 9% increase in expenditures over FY09, but only 3% increase in awards
- If annual growth in expenditures is 7.5-8%, will hit goal in 2017
- Would like to see larger increases in NSM, Engineering, Optometry, Pharmacy

2. Vivarium Space

- Most critical research facilities issue right now (plus SERC)
- S&R2 not long-term solution for transgenic mice housing; but OK for “dirty” facility housing
- Short-term
 - Methodist new facility
 - Build modular barrier facility for transgenic mice
- Intermediate-term (3-10 years out)
 - New Biomedical and health Sciences Building – 2 floors of vivaria
 - 6th Floor – nonhuman primates
 - 5th Floor – transgenic barrier BSL3 facility for breeding/manufacturing transgenic mice colonies
- Long-term (10 years +)
 - Additional new science building

3. Energy Research Park

- Building 4 – energy (wind) faculty
- Building 9a – Petroleum Engineering
- Building 15 – Applied Research Hub

4. Research Clusters

- Center for Nuclear Receptors and Cell Signaling – Gustafsson
 - SERC (floor 3 plus ½ of 4 (?)) – get Geosciences off 3rd floor
 - SERC cleanliness issues and standard of service
 - Fastest growing center re faculty hiring
 - Under pressure to make ROI in 5 years – obstacles are SERC buildout and animal care facilities and operations
- TucSUH Applied Research Hub – Selva (ERP)
- NCALM (National Center for Airborne Laser Mapping) – Shrestha – get off SERC 2nd floor, move to ERP
- Biomedical Engineering – Akay – 2nd floor lab buildout

- Goal – Finish SERC Now!

5. Reuse of Existing Space

- S&R1 Renovations
- Need policy decisions regarding space utilization and occupancy
 - Need strategy to deal with legacy space – no one has incentive to turn over legacy space
 - Culture change of space ownership – has to move from department/college to university
 - Have a minimum size threshold for new buildings
 - Charge rent (original SERC business model)
 - Since renovation more expensive than new space, convert old science buildings to classroom/office space and build new science buildings