The committee reviewed the research and innovation performance metrics, and discussed adding measures to refine and establish new with data to support, based on a sampling of 4-5 institutions’ measures that are possible with data available. The metrics include:

1. Total R&D expenditures to a clear picture of activity in a given fiscal year and can measure against an NSF survey that all institutions participate;
2. Total R&D ratio to tenured faculty under IPEDs to measure productivity used by other institutions, and it has previous year numbers (3-5 years) that can serve as a baseline;
3. Industry funded research as a percentage of total R&D that can show relevancy of commercialization to industry and the engagement of faculty and research in industry.
4. Other sponsored project expenditures is a metric that can help to understand how well the CCs training programs or others are performing and want to keep up the success. 5. Licensing royalties received to actual revenue to show the level of success of patent and technology licenses, and in recovering investment in technology.
6. Other new companies such as start up companies in UH that exclusively depend on UH produced technology, and how many UH invested in and incubated to start up through xlr8er companies that do not use exclusive ID but use different models.
7. The number of campus competitions are work in progress with other colleges to show innovation impact on students, mostly undergraduate, and can measure the activity of students’ participation in competitions, programs, credit courses on entrepreneurship, inventory of businesslike activities, labs an innovation hub with a physical presence in UHM and UHH underway to be strategically located on campus where students can bring ideas and questions to stimulate entrepreneurship and innovation in that space, akin to other institutions across nation.

To this end, the committee received an update on the ilab building that is the old ITS building next to campus center, minor renovation complete. There was a soft opening with some courses this fall and partnering with ‘Iolani and the Sullivan Center. There is also a committee with architecture students to design the furniture and space. There is a January opening to coincide with renovations for PACE at Shidler. There will be a UH Innovation Day in January with an open house for the community for open house on innovation and entrepreneurship.

There was discussion about utilization of the RTRF budget and expenditure for projects as a metric once the new rate is renegotiated, and establishing stress targets noting the
substantial increase of 50-60% over the same period, and considering metrics to reflect excellence. Eg. Lagging (expenditure) and leading indicator (# of that year). There was consideration of adding a metric for innovation base development as increasing STEM should have an impact on startups and licensing to establish strategic areas of excellence, as growth areas are best.

The committee received a briefing on the Status of University Affiliated Research Center and Applied Research Laboratory (ARL) Awards for FY14 & FY15. The awards are usually in October and November. The Navy has expressed interest in certain areas and collaborating ongoing; the Department of Defense participation is incentivized with receiving overhead costs now. There are efforts to engage parents with their student child with a goal to keep the talent at home. The program is developing a virtual shopping mall with anchor stores and technical companies who need talented students and the student has many opportunities to find the job that fits and be involved early from High school, and obtains skillsets that translates well and transportable.

Concerns raised regarded the focus, target and purpose of research at UH. It was explained that UARC is different in age and integration with internal research and whereas other institutions are standalone entities that have hands off relationship. UH has a 21st century UARC that is now involved in technology and cybersecurity and the need to adapt quickly to how the way students learn. In the past, it was an org that could perform classified research, and later a moratorium was placed on classified research for 3 years, and has not returned on campus. Seeking more funding continues from other armed services, such as PACOM, Hickam, US Airforce, Natl Geospatial, and PMRF.

The committee reviewed the timeline for the Long-Range Plans and Goals for University of Hawai’i Strategic Directions: Hawai’i Innovation Initiative. The office will gather input by Oct 30 to report back by January. The committee also reviewed policies on research and discussed the process that would require consult with the unions and legal review before seeking board approval. The revisions discussed ranged from housekeeping and clarification matters on investigator authority, academic freedom, ensuring highest and best use to meet strategic directions, aligning ORUs with academic units, needs and justification analysis. Items regarding the RCUH were deferred until the next meeting when the RCUH will be making a presentation.