

## University Facility Fee Advisory Board

### Meeting Minutes

Thursday, March 9<sup>th</sup>, 2017

303 GSB

**Members Present:**

Tristan Syron	Chair
Nick Bohn	Vice-Chair
Rachel Largay	Warner College of Natural Resources
Kalyn Blach	College of Agriculture
Miriam Wagoner	College of Business
Amanda Evans	CVMBS
Jacob Royer	College of Natural Sciences

**Member at Large** Tyler Siri ASCSU

**Associate Members Present:**

Alex Stately	CVMBS
Raleigh Heekin	College of Health & Human Sciences
Shannon McNulty	Warner College of Natural Resources
Mauri Richards	College of Engineering
Grace Clark-Rabinowitz	College of Natural Sciences
Maggie Weinroth	Graduate School
Jeff Cook	Graduate School

**Other Members Present:**

Tom Satterly	Advisor
Tamla Blunt	Ex- Officio
Becca Mueller	Staff Support
Savanna Bunnell	Facilities Management
Dan Kozlowski	Facilities Management
Simon Tevner	Dean of Natural Sciences

**1. Call to order**

- a. Meeting was called to order at 5:00pm.

**2. Approval of minutes**

- a. The chair asked for unanimous approval movement

**3. Presentation – Room 113 PGF Classroom Greenhouse Presentation**

- a. **Total ask: \$351,992**
- b. This presentation is for a renovation of a teaching lab in the University Greenhouse.
- c. Deficiencies in the room include inadequate teaching/technology tools, uncomfortable furniture, poor aesthetics, and overall poor conditions for teaching modern horticulture practices.
- d. There is currently no fume hood or safety shower in the classroom, which creates a hazardous classroom. Because the space does not have adequate safety precautions, there are certain practices and materials that students within the classroom cannot participate in.
- e. The HVAC system is outdated and ineffective. The heating is poor in the winter, and the cooling is poor in the summer. The units are both extremely loud and disrupted, and they often create a breeze or leaks in the classroom.
- f. Students participated in a survey about the classroom, and 93.75% of those surveyed reported that the condition of the lab is below average, 83% reported that it is was difficult to learn in the space, and 93.75% reported that the classroom is not a comfortable place to learn.
- g. Student reported the following things to be distracting in the classroom:

- i. Leaking unit heater
  - ii. Leaking ceiling – there are places in the lab where the ceiling is leaking and loud.
  - iii. Noise from the hallway – there is inadequate sound barriers between the hallway and the classroom, and there is often heavy traffic in the hallways.
  - iv. Heaters kicking on – the noise and the breeze cause distraction and discomfort.
  - v. Leaking sink – there is a sink in the hallway that drains in the classroom and is loud.
  - vi. Inadequate temperature – in the winter, students often wear many layers.
  - vii. Other
- h. Six classes are taught in this space, as well as research and community held events. The space also hosts 3 student organizations. The space is laid out in a way that limits the number of people in the space, and also does not provide an inviting atmosphere.
- i. In general, the students do not feel that the facility reflects the professionalism of the program.
- j. The Horticulture Club recently won 2<sup>nd</sup> place in the Mid-American Collegiate Horticulture Society competition. In a few years, the competition will be held at CSU, and the hope is to update the facility before then.
- k. The proposed renovations include:
  - i. New audio-visual system
  - ii. New podium, paint, acoustic sound paneling
  - iii. Windows, ceiling, lighting, Seating/furniture
  - iv. Dry erase boards, Data and electrical upgrades
  - v. New sinks, Storage, Fume hood and safety shower
  - vi. Heating and Cooling
  - vii. Finishes that meet or exceed modern standards and the CRB/UFFAB expectations

**I. Questions -**

- i. Has the department sought other funding? The fume hood seems like a pressing safety issue, is that not the university's responsibility?
  - 1. Other funding sources are scarce. While a lot of departments use the space, there is no home from which to ask for funding. It is not owned by the horticulture department, it is owned by the university. Most money available goes toward research.
- ii. Will the new layout would increase capacity in the room?
  - 1. The room is capable of 49 people, but for classes and research the number is more around 20-25. The capacity for events will increase, but as far as classroom sizes there will only be increased comfortability and functionality.
- iii. Will there be sound panels in the hallway?
  - 1. Yes. There will also be microphones in the classroom, because it may still be noisy.
- iv. Will the furniture be mobile?
  - 1. Yes.
- v. What impact will these renovations have on the outreach programs and student organizations?
  - 1. We will be able to have more people attend each event, as well as increase the number of events. We will also hopefully be able to hold tests and certification exams in the space.

**m. Legitimacy Vote -**

- i. Raleigh moved to legitimize the project.
- ii. Jeff seconded.
- iii. All in favor: 9
- iv. All opposed: 0
- v. All abstained: 0
- vi. Motion passes, project is legitimized.

**4. Presentation – Military Science – Controlled Maintenance**

**a. Total ask: \$580,000**

- b. This proposal is for the renovation of the Military Sciences Building, primarily the HVAC system.

- c. The MS building is home to the Department of Aerospace Studies, the Department of Military Sciences, the Air Force Reserve Officer Training Corps, Army Reserve Officer Training Corps and four general assignment classrooms.
- d. Air Force ROTC and Army ROTC are heavily involved in many aspects across campus. The Air Force ROTC is ranked number 1 in the region.
- e. 1,011 students are scheduled in the building weekly. 35 different class sections are scheduled in the GA's, up to 13 hours a day. The Department of Aerospace Studies serves 94 CSU students and 24 UNC students, and the Department of Military Studies serves 120-150 students and 20-35 UNC/FRCC students.
- f. Complaints about the building include:
  - i. HVAC system has exceeded its useful life; it is original (1927) mechanical system.
  - ii. It is too hot to concentrate during class. The heat still radiates in summer months, there is no air conditioning.
  - iii. It is too cold, forcing occupants to dress in several layers or use portable space heaters or microwaveable heating pads
  - iv. It is noisy, the radiators bang and are distracting in classrooms, offices and conference rooms.
  - v. There is no way to adjust fan speeds, causing too much air or not enough air.
  - vi. There is no way to distribute air flow more evenly in rooms or between cubicles.
- g. Because of these issues, there are many requests to move classrooms to alternative buildings due to comfort issues. As a result, the building is serving less than it is capable. The GA's have the capacity to serve 2,996 students per week, but it is currently serving 1,011.
- h. There were attempts to add cooling in 2006, and they attempt was ultimately unsuccessful.
- i. The proposal includes
  - i. Replacing the HVAC system in entire building
  - ii. Creating a new mechanical room, with steam to hot water exchanger
  - iii. Bringing chilled water in from tunnel to provide central cooling
  - iv. Piping to independent fan coil units (FCU) in appropriate zones. This will allow differentiating heating and cooling between rooms.
  - v. Integrated controls and building heating & cooling to be monitored by building automation system (BAS)
  - vi. Patch/paint walls as needed
  - vii. Re-finish entry doors and entry flooring
- j. There are no means of raising any funds, there is no donor base and they do not have any room in their budget. While Facilities Management has looked into funding projects in the building, it is unlikely it will rise to the top of the priority house.
- k. Last year, this project came to UFFAB but only included renovating the HVAC system in the two GA classrooms. This proposal is for the HVAC for the whole building.
- l. The renovation would also include redoing the front doors so that they hold heat more adequately.
- m. Questions:
  - i. This is an old building, is there a risk of a lot of things going wrong once you go behind the walls?
    - 1. No, we would be using the same path as the existing HVAC unit. We would also reuse any material we are able to.
  - ii. How would this renovation impact classrooms?
    - 1. We would find a way to do it without closing the entire building, so it would be done in phases. Most likely, we would do it one floor at a time. We would be able to use swing spaces to relocated classes while they are offline during renovations.
- n. Legitimacy Vote
  - i. Jeff moved to legitimize the project
  - ii. Grace seconded
  - iii. All in favor: 9
  - iv. All opposed: 0
  - v. All abstained: 0
  - vi. Motion passes, project is legitimized.

**Next meeting is Thursday, March 23<sup>rd</sup> in GSB 303.**