

# FPM Education Program Summary 2016-17

The 2016-17 academic year marked the launch of the PSU Facilities and Property Management (FPM) Education Program. This program began in order to deepen the connection between campus operations, PSU academics, and the Living Lab program, allowing for the promotion and support of campus-based learning opportunities that would otherwise not be available. The initiation of this program spawned other projects that now have lives of their own.

## BY THE NUMBERS:

- Classes: **6**
- Students: **70**
- Internships: **1**
- Projects: **7**
- Faculty: **4**
- Tours: **5**
- Academic departments involved (**4**):  
Honors College, University Studies,  
Civil Engineering, Mechanical Engineering



## ACCOMPLISHMENTS

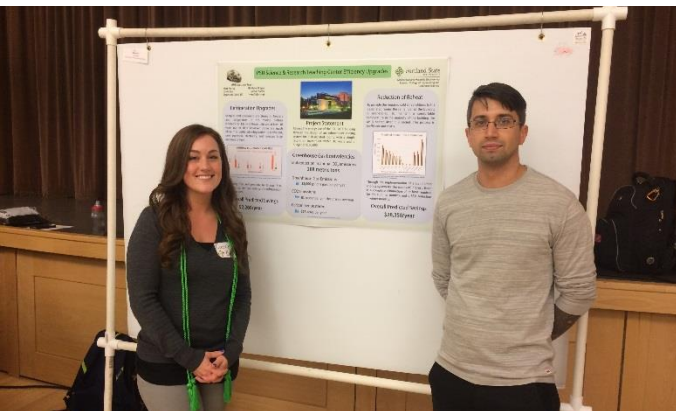
- **FPM Education Coordinator Hired** - In October, FPM hired a student staff member to be the Education Coordinator. This position works within FPM to develop, coordinate, and support educational opportunities and campus partnerships.
- **Campus Engagement** - FPM acted as the community partner to four groups of students in capstone courses, worked with a collaborative team to guide a student internship, and hosted student groups for tours or research activities in facility spaces.
- **Living Lab (LL)** - The Education Coordinator acted as a part of the Living Lab management team, further solidifying FPM's involvement with the program and FPM's commitment to engage with campus academics and other departments. A Living Lab Luncheon was held for staff in the Planning, Construction and Real Estate division to raise awareness and engagement with the program as well as solicit project ideas. The FPM Education Coordinator assisted with the event and many FPM staff attended the luncheon with their ideas for student projects.
- **Program Processes Developed** - The new FPM Education Coordinator worked to develop processes for educational activities, such as booking tours of facility spaces and proposing student projects.
- **PCRE Leadership Team Presentation** - The FPM Education Coordinator gave a presentation on the budding program at one of the PCRE Leadership Team meetings.

- **DEI Work Group Formed** - An internal workgroup of FPM staff formed to initiate diversity, equity, and inclusion (DEI) efforts within the department. This group spearheaded the FPM Cultural Climate Survey, which employed participatory action research design to assess the cultural climate of the department. The group successfully applied for and received funding from the PSU President’s Diversity Mini-Grant program to aid in the analysis of the data from the survey.
- **Ecoroofs Task Force Formed** - The Ecoroofs Taskforce, with faculty and staff representatives from different campus departments, was formed to better manage the maintenance of the ecoroofs and coordinate student/faculty research or involvement with the ecoroofs. As a result of this taskforce, another student employee was hired in the FPM landscaping team to focus specifically on ecoroof maintenance and research.
- **Cultural Climate Survey Completed** - The aforementioned Cultural Climate Survey was successfully administered to the entire department in the summer with a near 50% response rate. Data analysis is currently being conducted and final deliverables will follow, as well as discussion on actions to be taken with the information gathered. The work on this survey is providing two graduate student staff with valuable professional development and the opportunity to gain/practice research skills.

## STUDENT PROJECTS

### Repeat engagement with civil engineering capstone, 3 projects

- Plan and design for a rain garden that can capture vehicle wash runoff at the PSU landscape yard (Salmon Safe compliance) - collaboration between Landscaping and CPC staff; LL
- Plan and design for a structure to cover mulch piles in landscape yard (Salmon Safe compliance) - collaboration between Landscaping and CPC staff; LL
- Rammed earth wall design and construction to test the feasibility of this material for use in the region or at PSU - student initiated project executed with FPM support; LL



### New partnership: Mechanical engineering capstone

- Designed a stand-alone cooling system for the SRTC building which has unique cooling needs; project is now being implemented - partnered with FPM Energy and Utilities Manager; LL

### Summer Intern

- Living Lab Green leasing intern developed “green lease” program to encourage sustainable practices within leased spaces on campus - collaboration between CPO, CSO, and FPM; LL

