

Year 1 Report

Grant Processes & Management

Teamwork & Internal Partnerships are vital for success.



A strong team was established to lead the grant, including grants and business offices, as well as faculty within the Applied Engineering and Biotechnology departments. This team has created the necessary grant processes and management structure to support Bio Blend activities, including partnership creation, and curriculum and program approval and development.

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Employer Engagement & Partnerships

Employers need “work-ready” employees and are willing to partner across the following spectrum of engagement to develop the talent pipeline.



Employer engagement is a central feature of Bio Blend curriculum development. Grifols and Novo Nordisk are the primary employers. When asked to compare JCC employer engagement with similar efforts from other colleges, employers reported JCC efforts as *stronger, more flexible, and more responsive*.

Curriculum & Program Development

Connecting employer recognized skills, knowledge, and abilities to course content is essential. Developing such content using simulated work environments adds value.



Faculty-to-faculty engagement is strong, and faculty are using employer input to develop and strengthen the blended course content, including BPM 110, PTC 110, ELC 117 and MNT 110. A new certification, DeltaV, is being developed for delivery. This certification will help students learn about remote control of biotech equipment and systems.

Future Foundation

Taking time to build internal & external partnership have helped secure grant support & “buy-in”.



The Bio Blend team, including faculty are using employer engagement to support program & curriculum design connected to industry-recognized competencies. A career coach was hired to recruit students, teach career development, including resume writing and interviewing, and create industry internships at Grifols and Novo Nordisk occurring Year 2 and 3.

Summary

- Progress** 
- Employer Engagement** 
- Curriculum Development** 
- Foundation for Future Development** 

JCC has laid significant foundation toward completion of the grant, despite the COVID-19 issues that arose during Year 1. In Year 2 and 3, JCC will continue working toward the goal of educating 15 students, working with them to obtain internships in local industries, and completing resumes.