



Office of Academic Affairs

Office of Engagement

Assessment Results

January – June 2015

Sean Ryan, Director – IPFW Office of Engagement

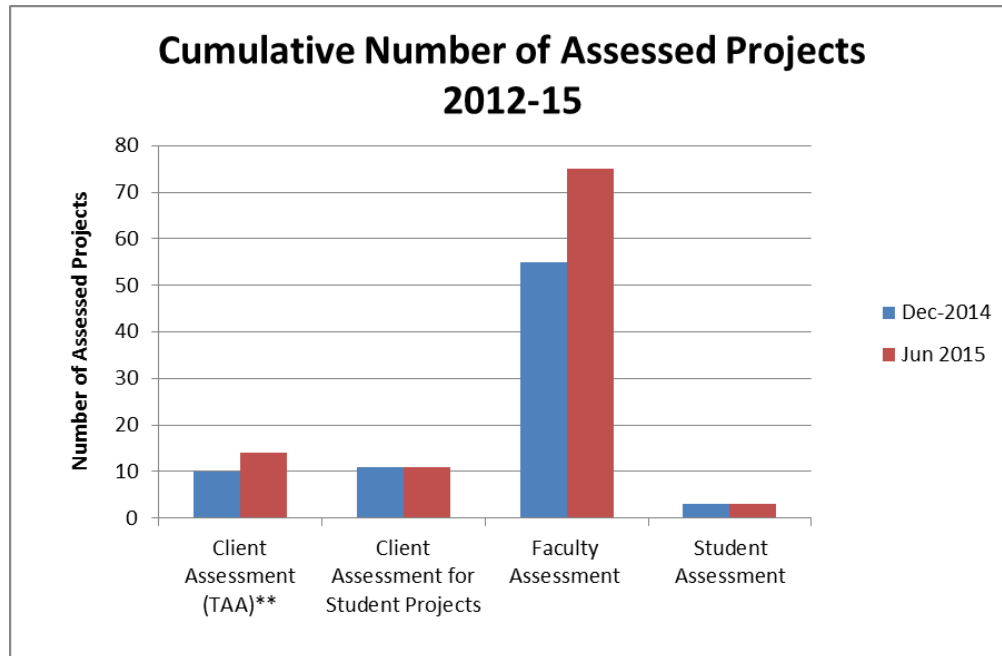
Jean Eisaman, Project Manager – IPFW Office of Engagement

August 2015

Summary of Assessments Submitted During Reporting Period

Assessment	Date		Change in Projects *	
	Dec-14	Jun-15	No.	%
Client Assessment (TAA)**	10	14	4	29%
Client Assessment for Student Projects	11	11	0	0%
Faculty Assessment	55	75	20	27%
Student Assessment	3	3	0	0%

Cumulative Number of Reporting Surveys (excluding TAP)

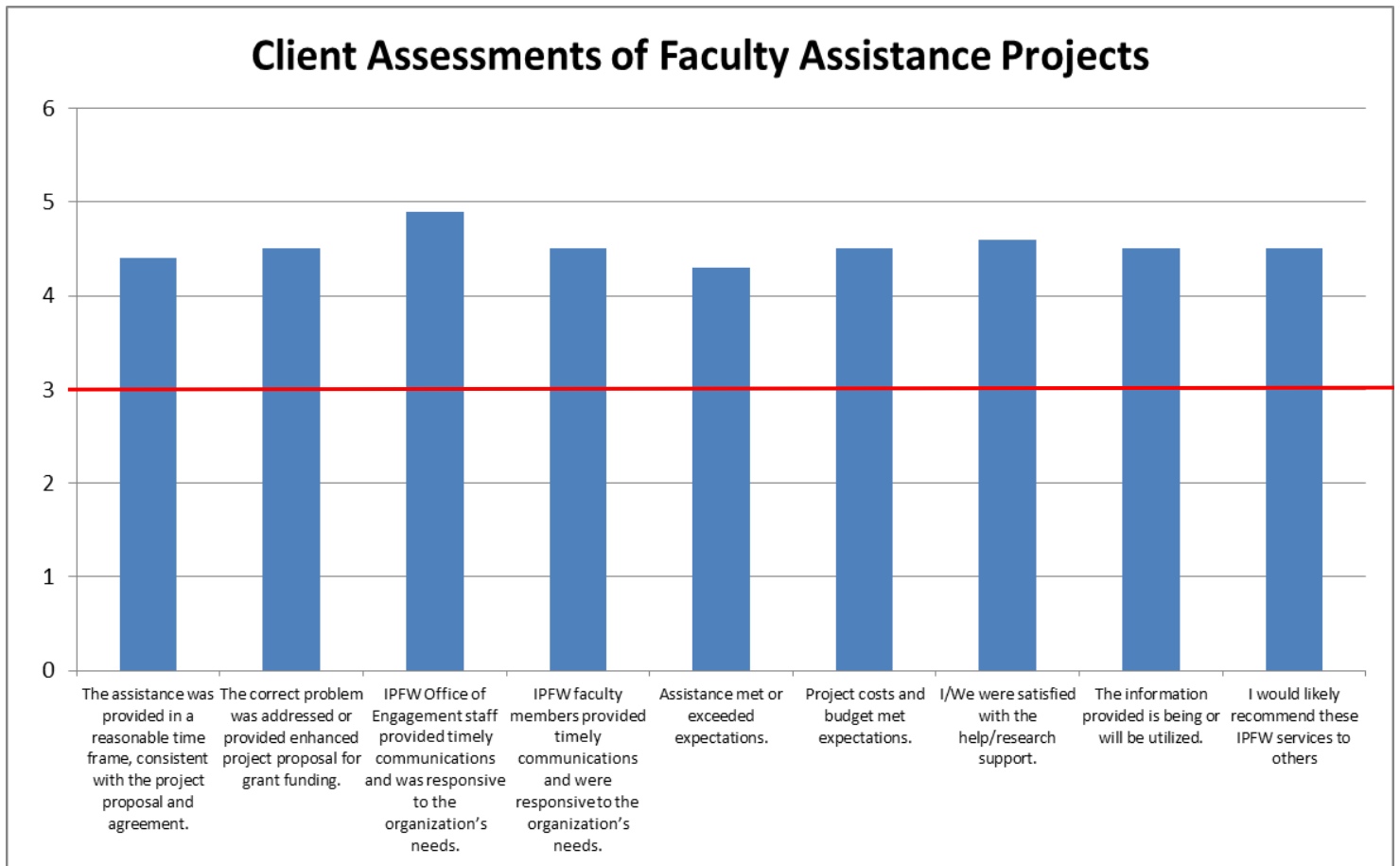


Clients Responding to Faculty Assistance Project Surveys (New - excluding TAP)

NOTE: To improve response rate, information about the clients who have responded has been made voluntary. So, beginning with this assessment period, information about the company who responded may not be available. Four responses by clients to surveys for non-TAP faculty and student projects during the period. The graph for the client assessment of faculty assessment projects (below) remains the same as in the previous report. The only changes during the reporting period were from faculty and student participants.

Client Survey Responses for Faculty Assistance (excluding TAP)

Questions	2015-1 Responses	2015-1 Score	Cumulative Responses	Overall Score
1) The assistance was provided in a reasonable time frame, consistent with the project proposal and agreement.	4	3.5	14	4.4
2) The correct problem was addressed or provided enhanced project proposal for grant funding.	4	4.8	13	4.5
3) IPFW Office of Engagement staff provided timely communications and was responsive to the organization's needs.	4	5.0	13	4.9
4) IPFW faculty members provided timely communications and were responsive to the organization's needs.	4	4.0	14	4.5
5) Assistance met or exceeded expectations.	4	3.8	14	4.3
6) Project costs and budget met expectations.	4	4.0	14	4.5
7) I/We were satisfied with the help/research support.	4	4.5	14	4.6
8) The information provided is being or will be utilized.	4	4.3	14	4.5
9) I would likely recommend these IPFW services to others	3	4.0	13	4.5



Clients Responding to Purdue Technical Assistance Project Surveys

Client Company	Project Information			Jobs added	Jobs retained	Increased Annual Sales (\$)	Retained Annual Sales (\$)	Cost Savings (\$)	Increased investment (\$)
	Tracking Number	Faculty Member	Project Title						
Hyndman Industrial	14042	Sedlmeyer	Feasibility Study for E-commerce Capability						
UnderSea Sensors	14314	Dragnev / Coroian / Anderson	Test Data Correlation for InProcess and Final Testing of Voice Amplifier						
Egg Innovations	14281	Ni	TAP Input on Waste Collection						
American Electric Components	14270	French	Weldong Process Improvements for Cost Reduction				\$25,000	\$2,800	
Baril Coatings	14271	Brunese	Layout and Material Flow Recommendations for Expanded Finished Goods Warehouse						
Great Lakes Trading	14198	Wolfe	Support to Client for Commodity Price Comparision Program						
Therma-Tru	14280	Cochran	Manufacturing Process Line Performance Evaluation					\$100,000	\$100,000
Steel Dynamics	14386	Henseler	Solutions to Improve Air Circulation in Overhead Crane Cab						\$7,000
Therma-Tru	14418	Chen	Measurement System for Paint, Stain and Topcoat Thickness				\$100,000	\$100,000	
Decidere Analytics	14355	Dragnev / Coroian / Wolfe	Evaluation and Assessment of Data Analysis Tool						
Superior Aluminum	14494	Han	Aluminum Rod Heat Treat Requirements						
Acousticom	13878	Furgason	Recommendations for Digital Microphone		12	\$25,000	\$50,000		
Select Pool Products	14584	Santini	Solution for Regulatory Issue with Boric Acid Buffer						

Client Survey Responses for Purdue Technical Assistance Project Surveys

Questions		Responses	Averages (1-10)
1)	How likely is it that you would recommend the Technical Assistance Program to another company?	13	9.4
2)	The assistance was provided in a reasonable time frame.	13	9.0
3)	The information provided is being or will be utilized.	13	Yes *

Comments on Technical Assistance and TAP Surveys

- TAP responses tabulated from Purdue TAP surveys based upon projects executed and client assessments received between January 2015 and June 2015.
- TAP project assessments recorded for 6 months as an assessment program for all engagement projects.
- Rating scale for TAP from 1 to 10, with 10 being the best. Rating scale for Faculty Assistance Projects (TAA's) from 1 to 5, with 5 being the best.
- Comments:
 - Egg Innovations: For this project, it was very helpful to receive some fresh ideas. Which ultimately led us to an opportunity to participate in a workshop in Ohio to learn and observe an innovative waste management system in use.
 - Great Lakes Trading: I will be working with Dr. Wolf at IPFW in the near future to try and move the R language project into a more viable format so that the data can be used easily by people throughout a variety of industries.
 - Therma-Tru: This was an awesome exercise to uncover areas of opportunity in our current production system. His work will help us develop plans for future growth. This project was very valuable in helping to assess the current state of our operations and I am positive that it will help us set the course for developing our production system well into the future.
 - Steel Dynamics: The project for SDI Structural and Rail Division was more of an information based assignment. However; we increased the safety factor tremendously as a direct result of the study. We were able to prove that the changes we had made in the work environment work both effective and positive changes. Without the research provided we would not have been able to determine the effectiveness of the changes that were made.
 - Therma-Tru: I was very pleased with this project. This validated some theories around a defect occurring during a finishing process. The data and results provided proved some of the theories around the root cause of the defect and helped lead us to multiple solution paths to resolve. I consider this project to be highly successful and look forward to future PurdueTAP projects.

Clients Responding to Faculty & Student Project Surveys

Project Information			Jobs added	Jobs retained	Increased Annual Sales (\$)	Retained Annual Sales (\$)	Cost Savings (\$)	Increased investment (\$)
Client Name	Client Company	Project Title						
N/A	N/A	N/A						

NOTE: No responses by clients to surveys for non-TAP faculty and student projects during the period. The graph for the client assessment of faculty and student assessment projects remains the same as in the previous report.

Client Survey Responses for Faculty & Student Project Assistance

Questions	Responses	Averages (1-5)
1) The assistance was provided in a reasonable time frame, consistent with the project proposal and agreement.	0	N/A
2) The correct problem was addressed.	0	N/A
3) IPFW Office of Engagement staff provided timely communications and was responsive to the organization's needs.	0	N/A
4) IPFW faculty members provided timely communications and were responsive to the organization's needs.	0	N/A
5) Student project output met or exceeded expectations.	0	N/A
6) Student project written report met or exceeded expectations.	0	N/A
7) Students facilitated two-way communication with your organization.	0	N/A

8)	I/We were satisfied with the help.	0	N/A
9)	The information provided is being or will be utilized.	0	N/A
10)	I would likely recommend these IPFW services to others	0	N/A

Client Survey Comments for Faculty & Student Project Assistance

No.	Client Name	Comment
1	N/A	None

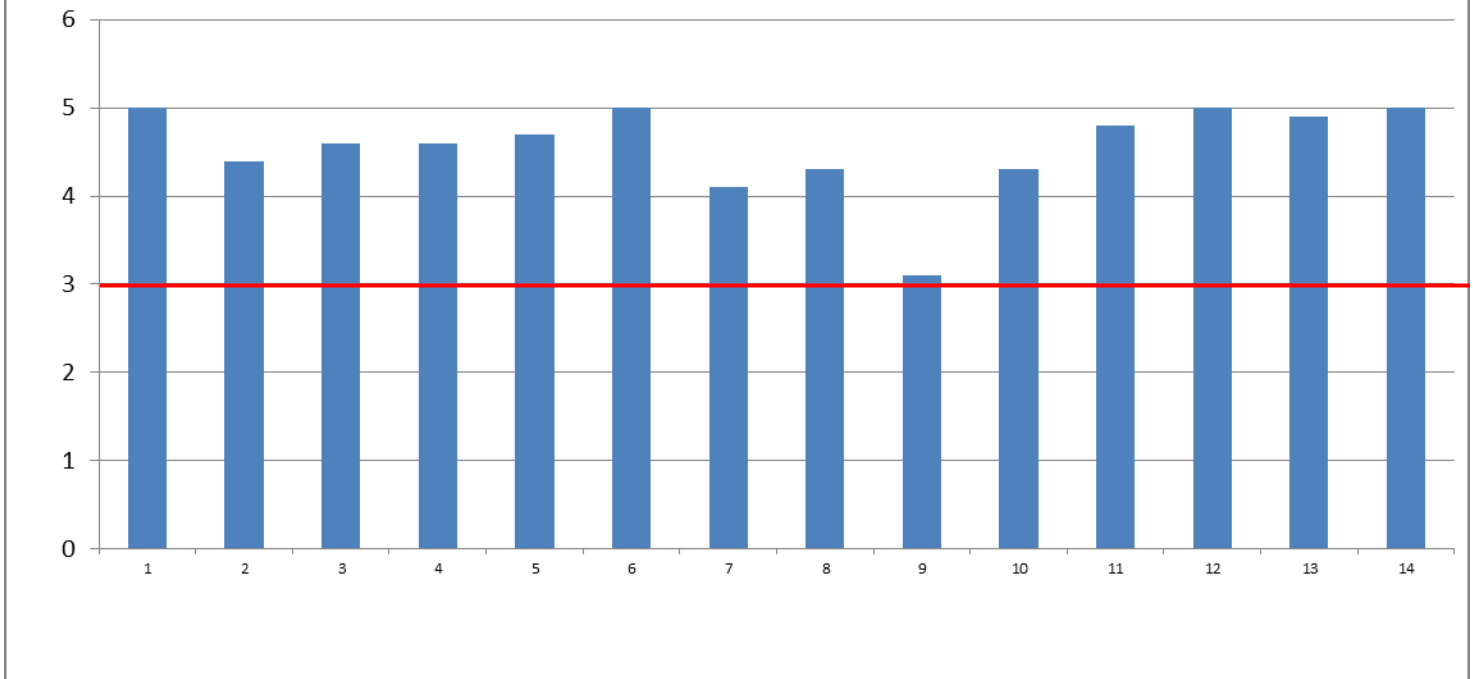
Comments on Faculty & Student Project Client Surveys

- No surveys were completed during the period, although surveys were sent to clients with a request to complete them.
- No corrective actions required.
- Rating scale is from 1 to 5, with 5 being the best.

Faculty Survey Responses for Project Assistance (All)

Questions	Responses	Averages (1-5)
1) I feel that my/my students' efforts provided a needed service to the client or community.	21	5.0
2) It is likely that I would perform a similar project for another company/organization or in a future class.	21	4.4
3) The client was helpful in providing the required information in a timely manner.	21	4.6
4) The client was prepared to work with you or with the students.	21	4.6
5) The client's staff members were informed about the project and were helpful.	21	4.7
6) IPFW Office of Engagement staff provided timely communications and was responsive to your needs.	21	5.0
7) I gained experience that I could incorporate into teaching or lab assignments.	21	4.1
8) I gained experience to help me prepare students to meet industry needs.	21	4.3
9) I can develop a scholarly paper or presentation from this project.	21	3.1
10) This project has supported achieving my professional development goals.	21	4.3
11) The students gained experience that enhanced subject matter learning.	21	4.8
12) The students gained experience to better meet industry needs.	21	5.0
13) Overall, I would say that the project was successful.	21	4.9
14) Funding was received to defray the cost of the project.	21	5.0

Faculty Assessment of Engagement Projects



Student Survey Responses for Project Assistance

Questions	Responses	Averages (1-5)
1) I feel that my efforts provided a needed service to the client or community.	0	N/A
2) I would like to perform a similar project for another company/organization or in a future class.	0	N/A
3) The client was helpful in providing the required information in a timely manner.	0	N/A
4) The client's staff members were informed about the project and were helpful.	0	N/A
5) I gained experience that enhanced the class.	0	N/A
6) I feel better prepared to meet industry needs.	0	N/A
7) Overall I would say that the project was successful.	0	N/A

Comments on Faculty & Student Project Surveys

- Evaluation responses were high with the exception of whether scholarly papers could be developed from the work. This score is not surprising based upon the nature of the projects and is consistent with previous assessments.
- No student assessment surveys were completed during the period.
- No corrective actions required. One ranking was at 3, on the question of “developing a scholarly paper or presentation on this project”. Often with consulting projects with companies, the material is confidential and cannot be published without express consent of the faculty member and client contact. Other consulting projects are of a nature that they require application of knowledge rather than the discovery of new knowledge, thus not the type of result that lends itself to publication.
- Rating scale is from 1 to 5, with 5 being the best.
- Faculty Survey Comments:

- Trelleborg: We are very happy with the great supports from William Gulley at Purdue and Sean Ryan at IPFW to develop this project with us. This is an In-MaC project built upon a TAP project we did with Trelleborg Sealing Solutions Americas two years ago. We have developed a new simulation tool, which has its application potential to design and optimize new sealing products with reduced experiment needs. We look forward to having new TAP opportunities to contribute our expertise to local manufacturing industries.
- St. Joseph Watershed: Students involved in exploratory step prior to this contract, which was then accomplished by Bruce Kingsbury and Robert Sedimeyer.

Acknowledgements

- TAP client surveys managed with data provided by the Purdue Technical Assistance Program office in West Lafayette.
- Faculty and client survey data compiled for IPFW projects and was summarized and provided to us by the IPFW Office of Assessment.