

## Spiritual Development Assessment Data

**Learning Outcome:**

**A. Students will demonstrate a commitment to Christian Community**

**Outcome Measure:**

Selected questions from the PLNU survey panel survey of current students and the survey of alumni.

**Criteria for Success (how do you judge if the students have met your standards):**

The programs developed by Spiritual Development have the goal of shaping students as engaged members of the Christian community. This includes attending worship, participating in a church community, engaging in outreach. Several markers from the student and alumni survey speak to our graduate's progress in these areas. While we hope that all alumni engage in these behaviors, we realize that we need to set realistic goals. We hope that alumni will have:

Worship participation at least a few times per month: 75%

Engaging in prayer or Bible study group at least few times per month: 50%

Engage in Local Evangelism at least a few times per year: 50%

**Longitudinal Data:**

Student Survey Data:

**Positive impact on commitment to Christ (Freshman) \* Positive impact on commitment to Christ (Most Recent Response) Crosstabulation**

			Positive impact on commitment to Christ (Most Recent Response)						Total
			Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	N/A	
Positive impact on commitment to Christ (Freshman)	Strongly Agree	Count	389	49	16	5	4	0	463
		Row %	84.0%	10.6%	3.5%	1.1%	0.9%	0.0%	100.0%
	Agree	Count	8	117	10	2	0	1	138
		Row %	5.8%	84.8%	7.2%	1.4%	0.0%	0.7%	100.0%
	Neutral	Count	1	0	29	2	1	0	33
		Row %	3.0%	0.0%	87.9%	6.1%	3.0%	0.0%	100.0%
	Disagree	Count	0	0	1	5	0	0	6
	Row %	0.0%	0.0%	16.7%	83.3%	0.0%	0.0%	100.0%	
Strongly Disagree	Count	0	0	0	0	1	0	1	
	Row %	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%	
N/A	Count	0	0	0	0	0	2	2	
	Row %	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	
<b>Total</b>		Count	398	166	56	14	6	3	643
		Row %	61.9%	25.8%	8.7%	2.2%	0.9%	0.5%	100.0%

**Prior attended a local church (Freshman) \* Prior attended a local church (Most Recent Response) Crosstabulation**

			Prior attended a local church (Most Recent Response)						Total
			Daily	A few times a week	Weekly	A few times a month	A few times a year	Rarely if ever	
Prior attended a local church (Freshman)	Daily	Count	16	1	2	0	1	0	20
		Row %	80.0%	5.0%	10.0%	0.0%	5.0%	0.0%	100.0%
	A few times a week	Count	1	189	29	13	10	15	257
		Row %	0.4%	73.5%	11.3%	5.1%	3.9%	5.8%	100.0%
	Weekly	Count	1	3	195	8	8	18	233
		Row %	0.4%	1.3%	83.7%	3.4%	3.4%	7.7%	100.0%
	A few times a month	Count	0	1	2	56	4	5	68
Row %		0.0%	1.5%	2.9%	82.4%	5.9%	7.4%	100.0%	
A few times a year	Count	0	1	3	2	33	2	41	
	Row %	0.0%	2.4%	7.3%	4.9%	80.5%	4.9%	100.0%	
Rarely if ever	Count	0	0	0	0	0	24	24	
	Row %	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	
Total	Count	18	195	231	79	56	64	643	
	Row %	2.8%	30.3%	35.9%	12.3%	8.7%	10.0%	100.0%	

**Prior participated in prayer/Christian study group (Freshman) \* Prior participated in prayer/Christian study group (Most Recent Response) Crosstabulation**

			Prior participated in prayer/Christian study group (Most Recent Response)						Total
			Daily	A few times a week	Weekly	A few times a month	A few times a year	Rarely if ever	
Prior participated in prayer/Christian study group (Freshman)	Daily	Count	17	0	3	0	1	1	22
		Row %	77.3%	0.0%	13.6%	0.0%	4.5%	4.5%	100.0%
	A few times a week	Count	1	110	10	3	6	14	144
		Row %	0.7%	76.4%	6.9%	2.1%	4.2%	9.7%	100.0%
	Weekly	Count	1	5	164	9	5	21	205
		Row %	0.5%	2.4%	80.0%	4.4%	2.4%	10.2%	100.0%
	A few times a month	Count	0	2	3	77	3	9	94
Row %		0.0%	2.1%	3.2%	81.9%	3.2%	9.6%	100.0%	
A few times a year	Count	0	0	1	1	57	10	69	
	Row %	0.0%	0.0%	1.4%	1.4%	82.6%	14.5%	100.0%	
Rarely if ever	Count	0	0	3	6	3	94	106	
	Row %	0.0%	0.0%	2.8%	5.7%	2.8%	88.7%	100.0%	
Total	Count	19	117	184	96	75	149	640	
	Row %	3.0%	18.3%	28.7%	15.0%	11.7%	23.3%	100.0%	

**Positive impact on life of service (Freshman) \* Positive impact on life of service (Most Recent Response) Crosstabulation**

			Positive impact on life of service (Most Recent Response)						Total
			Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	N/A	
Positive impact on life of service (Freshman)	Strongly Agree	Count	252	30	11	6	1	0	300
		Row %	84.0%	10.0%	3.7%	2.0%	0.3%	0.0%	100.0%
	Agree	Count	12	239	14	2	0	2	269
		Row %	4.5%	88.8%	5.2%	0.7%	0.0%	0.7%	100.0%
	Neutral	Count	0	7	56	2	0	0	65
		Row %	0.0%	10.8%	86.2%	3.1%	0.0%	0.0%	100.0%
	Disagree	Count	0	0	0	3	0	0	3
		Row %	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%
	Strongly Disagree	Count	0	0	0	0	1	0	1
		Row %	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%
	N/A	Count	0	0	0	0	1	1	2
		Row %	0.0%	0.0%	0.0%	0.0%	50.0%	50.0%	100.0%
	Total	Count	264	276	81	13	3	3	640
		Row %	41.2%	43.1%	12.7%	2.0%	0.5%	0.5%	100.0%

**Prior attended a worship service (Freshman) \* Prior attended a worship service (Most Recent Response) Crosstabulation**

			Prior attended a worship service (Most Recent Response)						Total
			Daily	A few times a week	Weekly	A few times a month	A few times a year	Rarely if ever	
Prior attended a worship service (Freshman)	Daily	Count	8	1	1	0	0	1	11
		Row %	72.7%	9.1%	9.1%	0.0%	0.0%	9.1%	100.0%
	A few times a week	Count	2	162	32	5	6	10	217
		Row %	0.9%	74.7%	14.7%	2.3%	2.8%	4.6%	100.0%
	Weekly	Count	0	3	225	19	6	15	268
		Row %	0.0%	1.1%	84.0%	7.1%	2.2%	5.6%	100.0%
	A few times a month	Count	0	0	5	61	5	11	82
		Row %	0.0%	0.0%	6.1%	74.4%	6.1%	13.4%	100.0%
	A few times a year	Count	0	1	2	1	29	4	37
		Row %	0.0%	2.7%	5.4%	2.7%	78.4%	10.8%	100.0%
	Rarely if ever	Count	0	0	0	0	0	28	28
		Row %	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%
	Total	Count	10	167	265	86	46	69	643
		Row %	1.6%	26.0%	41.2%	13.4%	7.2%	10.7%	100.0%

**Prior joined in local evangelism (Freshman) \* Prior joined in local evangelism (Most Recent Response) Crosstabulation**

			Prior joined in local evangelism (Most Recent Response)						Total
			Daily	A few times a week	Weekly	A few times a month	A few times a year	Rarely if ever	
Prior joined in local evangelism (Freshman)	Daily	Count	5	0	0	0	0	1	6
		Row %	83.3%	0.0%	0.0%	0.0%	0.0%	16.7%	100.0%
	A few times a week	Count	0	20	3	3	2	6	34
		Row %	0.0%	58.8%	8.8%	8.8%	5.9%	17.6%	100.0%
	Weekly	Count	1	1	41	1	2	7	53
		Row %	1.9%	1.9%	77.4%	1.9%	3.8%	13.2%	100.0%
	A few times a month	Count	3	0	2	108	5	15	133
	Row %	2.3%	0.0%	1.5%	81.2%	3.8%	11.3%	100.0%	
A few times a year	Count	0	2	3	2	113	16	136	
	Row %	0.0%	1.5%	2.2%	1.5%	83.1%	11.8%	100.0%	
Rarely if ever	Count	0	0	2	6	5	258	271	
	Row %	0.0%	0.0%	0.7%	2.2%	1.8%	95.2%	100.0%	
Total	Count		9	23	51	120	127	303	633
	Row %		1.4%	3.6%	8.1%	19.0%	20.1%	47.9%	100.0%

**Prior joined in global missions work (Freshman) \* Prior joined in global missions work (Most Recent Response) Crosstabulation**

			Prior joined in global missions work (Most Recent Response)						Total
			Daily	A few times a week	Weekly	A few times a month	A few times a year	Rarely if ever	
Prior joined in global missions work (Freshman)	Daily	Count	3	0	0	0	0	0	3
		Row %	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
	A few times a week	Count	0	4	0	2	0	4	10
		Row %	0.0%	40.0%	0.0%	20.0%	0.0%	40.0%	100.0%
	Weekly	Count	0	0	7	0	1	3	11
		Row %	0.0%	0.0%	63.6%	0.0%	9.1%	27.3%	100.0%
	A few times a month	Count	0	0	1	28	3	5	37
	Row %	0.0%	0.0%	2.7%	75.7%	8.1%	13.5%	100.0%	
A few times a year	Count	0	3	1	0	154	37	195	
	Row %	0.0%	1.5%	0.5%	0.0%	79.0%	19.0%	100.0%	
Rarely if ever	Count	1	1	0	3	11	366	382	
	Row %	0.3%	0.3%	0.0%	0.8%	2.9%	95.8%	100.0%	
Total	Count		4	8	9	33	169	415	638
	Row %		0.6%	1.3%	1.4%	5.2%	26.5%	65.0%	100.0%

**Prior read Bible in home (Freshman) \* Prior read Bible in home (Most Recent Response) Crosstabulation**

			Prior read Bible in home (Most Recent Response)						Total
			Daily	A few times a week	Weekly	A few times a month	A few times a year	Rarely if ever	
Prior read Bible in home (Freshman)	Daily	Count	101	14	4	4	3	2	128
		Row %	78.9%	10.9%	3.1%	3.1%	2.3%	1.6%	100.0%
	A few times a week	Count	7	96	8	5	3	5	124
		Row %	5.6%	77.4%	6.5%	4.0%	2.4%	4.0%	100.0%
	Weekly	Count	3	4	75	6	4	3	95
		Row %	3.2%	4.2%	78.9%	6.3%	4.2%	3.2%	100.0%
	A few times a month	Count	2	7	4	96	6	5	120
		Row %	1.7%	5.8%	3.3%	80.0%	5.0%	4.2%	100.0%
	A few times a year	Count	1	2	1	3	58	7	72
		Row %	1.4%	2.8%	1.4%	4.2%	80.6%	9.7%	100.0%
	Rarely if ever	Count	1	1	3	3	5	90	103
		Row %	1.0%	1.0%	2.9%	2.9%	4.9%	87.4%	100.0%
Total	Count	115	124	95	117	79	112	642	
	Row %	17.9%	19.3%	14.8%	18.2%	12.3%	17.4%	100.0%	

**Prior prayed in home (Freshman) \* Prior prayed in home (Most Recent Response) Crosstabulation**

			Prior prayed in home (Most Recent Response)						Total
			Daily	A few times a week	Weekly	A few times a month	A few times a year	Rarely if ever	
Prior prayed in home (Freshman)	Daily	Count	358	19	5	7	5	2	396
		Row %	90.4%	4.8%	1.3%	1.8%	1.3%	0.5%	100.0%
	A few times a week	Count	5	82	4	5	2	2	100
		Row %	5.0%	82.0%	4.0%	5.0%	2.0%	2.0%	100.0%
	Weekly	Count	5	2	47	2	4	1	61
		Row %	8.2%	3.3%	77.0%	3.3%	6.6%	1.6%	100.0%
	A few times a month	Count	2	1	0	32	5	1	41
		Row %	4.9%	2.4%	0.0%	78.0%	12.2%	2.4%	100.0%
	A few times a year	Count	0	0	1	2	18	2	23
		Row %	0.0%	0.0%	4.3%	8.7%	78.3%	8.7%	100.0%
	Rarely if ever	Count	0	1	0	1	0	19	21
		Row %	0.0%	4.8%	0.0%	4.8%	0.0%	90.5%	100.0%
Total	Count	370	105	57	49	34	27	642	
	Row %	57.6%	16.4%	8.9%	7.6%	5.3%	4.2%	100.0%	

**Engaged in worship with diverse peoples (Freshman) ^ Engaged in worship with diverse peoples (Most Recent Response) Crosstabulation**

			Engaged in worship with diverse peoples (Most Recent Response)		Total
			Not Engaged	Engaged	
Engaged in worship with diverse peoples (Freshman)	Not Marked	Count	92	17	109
		Row %	84.4%	15.6%	100.0%
	Marked	Count	27	511	538
		Row %	5.0%	95.0%	100.0%
Total		Count	119	528	647
		Row %	18.4%	81.6%	100.0%

**Volunteer past at church related organizations (Freshman) ^ Volunteer past at church related organizations (Most Recent Response) Crosstabulation**

			Volunteer past at church related organizations (Most Recent Response)		Total
			Not Engaged	Engaged	
Volunteer past at church related organizations (Freshman)	Not Marked	Count	142	7	149
		Row %	95.3%	4.7%	100.0%
	Marked	Count	74	424	498
		Row %	14.9%	85.1%	100.0%
Total		Count	216	431	647
		Row %	33.4%	66.6%	100.0%

**Volunteer past at mission organizations (Freshman) ^ Volunteer past at mission organizations (Most Recent Response) Crosstabulation**

			Volunteer past at mission organizations (Most Recent Response)		Total
			Not Engaged	Engaged	
Volunteer past at mission organizations (Freshman)	Not Marked	Count	410	4	414
		Row %	99.0%	1.0%	100.0%
	Marked	Count	46	187	233
		Row %	19.7%	80.3%	100.0%
Total		Count	456	191	647
		Row %	70.5%	29.5%	100.0%

**Financial contribution to church related organizations (Freshman) \* Financial contribution to church related organizations (Most Recent Response) Crosstabulation**

			Financial contribution to church related organizations (Most Recent Response)		Total
			Not Engaged	Engaged	
Financial contribution to church related organizations (Freshman)	Not Marked	Count	209	16	225
		Row %	92.9%	7.1%	100.0%
	Marked	Count	56	366	422
		Row %	13.3%	86.7%	100.0%
Total		Count	265	382	647
		Row %	41.0%	59.0%	100.0%

**Financial contribution to missions organizations (Freshman) \* Financial contribution to missions organizations (Most Recent Response) Crosstabulation**

			Financial contribution to missions organizations (Most Recent Response)		Total
			Not Engaged	Engaged	
Financial contribution to missions organizations (Freshman)	Not Marked	Count	422	14	436
		Row %	96.8%	3.2%	100.0%
	Marked	Count	35	175	210
		Row %	16.7%	83.3%	100.0%
Total		Count	457	189	646
		Row %	70.7%	29.3%	100.0%

Alumni Survey Data:

Question	Year	Very Well (4)	Well (3)	Neutral (2)	Poorly (1)	Mean
In terms of your general education and your coursework, how well did PLNU prepare you for each of the following? Performing volunteer service	2015	38.0%	41.3%	17.9%	2.8%	3.15
	2012	34.9%	36.9%	23.7%	4.4%	3.02

Question	Year	Daily	A few or more times a week	Weekly	A few times a month	A few times a year	Rarely if ever
About how often do you engage in each of the following activities? Attend a local church that you consider your home	2015	2.4%	16.6%	38.7%	16.8%	12.3%	13.2%
	2012	1.5%	12.6%	43.1%	11.7%	11.4%	19.7%

Question	Year	Daily	A few or more times a week	Weekly	A few times a month	A few times a year	Rarely if ever
About how often do you engage in each of the following activities? Take part in a small prayer or Christian study group	2015	1.5%	8.8%	29.1%	13.6%	13.6%	33.5%
	2012	0.6%	5.5%	26.4%	9.5%	16.6%	41.4%

Question	Year	Daily	A few or more times a week	Weekly	A few times a month	A few times a year	Rarely if ever
About how often do you engage in each of the following activities? Join in local evangelism	2015	1.5%	3.0%	5.1%	7.9%	24.2%	58.4%
	2012	1.2%	2.8%	4.0%	12.3%	34.9%	44.8%

Question	Year	Daily	A few or more times a week	Weekly	A few times a month	A few times a year	Rarely if ever
About how often do you engage in each of the following activities? Join in global missions work	2015	1.3%	0.9%	1.5%	3.4%	24.2%	68.7%
	2012	0.6%	0.3%	1.5%	3.7%	20.1%	73.7%

**Conclusions Drawn from Data:**

### Student Survey Data:

In regards to the question asking the student to indicate their level of agreement or disagreement that PLNU is having a positive impact on a person's commitment to Christ, the belief that PLNU is having a positive impact is diminishing over time. While many students maintain their beliefs from freshman year, the few who do change their position generally make a change in the negative direction. For example, there are 4 students (0.9%) who answered that they strongly agreed with the statement in their freshman year but then changed their opinion to strongly disagree in their most recent response. Other drastic shifts like this can be observed in the crosstab shown above. The reason for this decrease in commitment to Christ is difficult to pin down. One possibility is that, away from home, students are forced to step out on their own in their faith and really develop it for themselves apart from their parents. This can be a very challenging thing to do when the whirlwind of school and extracurricular activities can sweep students away and end up distracting them from their faith. Another reason that we see this decrease may be that, in a faith environment, some students may feel forced into a relationship with Christ and thus will resist growing in their faith simply because they do not want to be told what to do.

From the question asking how often did the student attend a local church, we can observe that most people fall within the "A few times a week" or "Weekly" categories in the freshman year and the most recent response. This is good news for Point Loma, especially because not many students change their views in between freshman year and the most recent response. Of those who do change their views, however, most make a shift in the negative direction. This means that throughout their time and in the year prior to their attendance at Point Loma, students are going to church less often. One reason for this may be that freshmen are not allowed to have cars and thus they find it difficult to get to an off-campus church. Even though many churches offer shuttle services, the motivation to actually wake up and get ready for church may be lacking because students may be more tired than they were in high school from taking more rigorous courses. Also, because families often go to church as a unit, students away from home may not go to church because they are not being strictly told to do so by their parents or because they are saddened by the thought of attending church without their loved ones. Another reason for this negative pattern may be that students feel as though the chapels that they are required to attend throughout the week can be thought of as a replacement for church; they think that because they go to chapel a couple of times a week, then they are covered for Sunday morning.

In this third question about how often a student participated in a prayer or Christian study group, we see that a majority of the responses from freshman year come from the "A few times a week" and "Weekly categories" while a majority of the responses from the most recent response come from the "Weekly " and "Rarely if ever" categories. Most of the changes from freshman year move in the negative direction; this means that during their time at Point Loma, students are participating in prayer and Christian study groups less often. One reason for this occurrence may be that students are very busy with homework and their social lives and thus they forget to make time to join these Christian study groups. Also, it may be hard for some students to find a group that works really well for them in the same way that a group that they joined in the past did.

There is a general shift in responses to this question that actually show people's level of agreement with the statement to be increasing. There are the occasional few whose level of agreement drops drastically, but overwhelmingly, the results are positive for Point Loma. A majority of people either agree or strongly agree with the statement that their undergraduate

experience at Point Loma will have or is currently having a positive impact on their life of service to society.

Amongst Point Loma students there is a trend in which the amount of worship services attended decreases between freshman year and the most recent response. This is not a trend which Point Loma as an institution would like to observe because it means that students are not demonstrating a strong commitment to Christian community. One reason for this may be that, away from home and family, students may find it harder to attend a church and really get plugged into it. There is almost a sense of remorse for students who are searching for a new church to attend; it is hard to separate feelings of their home churches so that they can move on to a new church family. This being said, a majority of responses fall within the "A few times a week" to "Weekly" categories, which is a result that Point Loma would like to see.

An overwhelmingly negative trend with this question about how often students joined in local evangelism in the prior year can be observed in the above crosstab. While most students stick to their freshman year response, those that do change go in the negative direction more often than they go in the positive direction. Also, the response with the highest percentage is "Rarely if ever" in both the freshman year and most recent response data sets; these are trends that Point Loma would like to look at and work to change if at all possible.

As freshmen, most students say that they have participated in global missions work "Rarely if ever"; this same observation can be made with the most recent response data. Also, when a person changes their response from freshman year, it generally goes into the negative direction, meaning that throughout their time at Point Loma, students are joining in global missions work less and less. With LoveWorks and Ministry with Mexico, Point Loma would hope to see the opposite trend happen; however, the results show that a majority of people who change their responses are actually engaging in less global missions work than they did before freshman year. Also, in both the freshman and most recent response data, the biggest percentages lie in the "A few times a year" and "Rarely if ever" options.

The responses are pretty spread out for both the freshman year and most recent response data for this question that asks about how often students have read their Bibles in their homes in the past year. There also appears to be a bit of shifting from freshman year to most recent response in terms of how the majority of people are answering the question. There is no clear direction in which the shifts seem to be occurring although the negative direction might have a slight edge over the positive, which is something that Point Loma would not like to see.

In the freshman and most recent response data, most of the students answered that they either daily or a few times a week prayed in their home in the previous year. Among those students whose responses changed from freshman year, some went in the negative direction and some went in the positive direction; there is no clear direction which stands out as the more commonly taken route. For instance, 4.8% who said that they prayed daily freshman year changed to a few times a week in their most recent response, which is a negative change. However, 8.2% who said that they prayed weekly freshman year changed to daily in their most recent response, which is a positive change.

In both the freshman and most recent response data, a majority of students responded that they had engaged in worship with diverse peoples within the last couple of years. From freshman year to the most recent response, there was a larger jump from "Not Engaged" to "Engaged" than there was from "Engaged" to "Not Engaged". This means that during their time at Point

Loma, students were becoming more engaged in worship with diverse peoples. This type of result is what Point Loma would hope to find.

In both the freshman and most recent response data, more students than not said that they had volunteered at church related organizations within the last few years. Also, among those that changed their response from freshman year, more changed from “Engaged” to “Not Engaged” than from “Not Engaged” to “Engaged”. This means that during their time at Point Loma, students were becoming less and less engaged in volunteering at church related organizations. This is not a trend that Point Loma would like to see and they may want to think about why this is the case when so many student ministry opportunities are readily available to students.

A majority of students in both their freshman year and their most recent response had not volunteered at a missions organization in the past few years. Also, a much larger percentage went from “Engaged” to “Not Engaged” than went from “Not Engaged” to “Engaged”. This means that during their time at Point Loma, students are becoming less engaged in volunteering at missions organizations. Again, this is not a result that would help to satisfy the standard learning outcome of demonstration of commitment to Christian community.

In both freshman year and the most recent response, more students than not said that they had made a financial contribution to a church related organization in the past few years. From freshman year to the most recent response, more people changed from “Engaged” to “Not Engaged” than from “Not Engaged” to “Engaged”. This means that the number of students who were participating in this activity decreased over time and the amount of commitment to Christian community diminished as well.

Most people in their freshman year and their most recent response said that they did not make financial contributions to missions organizations. Of those that changed their response from freshman year, most went from “Engaged” to “Not Engaged”. This means that the number of students who were donating to missions organizations decreased over time. Because the standard learning outcome involves commitment to Christian community, this trend is not ideal for Point Loma because it means that students are becoming less involved in Christian community.

#### Alumni Survey Data:

Most commonly, alumni in 2012 and 2015 responded that they felt that their general education and coursework prepared them well for performing volunteer service. The second most selected response to this question was “Very Well”. These are very good results for Point Loma and the mean values, which are both above 3, also speak well to Point Loma’s ability to equip its students for the performance of volunteer work after graduation. A mean value above 3 indicates that on average, alumni felt well prepared for performing volunteer service. Another positive result that can be seen from the data above is that from 2012 to 2015, the percent of students who selected “Very Well” or “Well” increased while the percent of students who selected “Neutral” or “Poorly” decreased. This means that Point Loma has done a better job of preparing its students for volunteer work as time has passed.

The most common response for alumni in 2012 and 2015 was that they attend a local church that they consider to be their home congregation weekly. This is a fairly typical response since most churches offer Saturday or Sunday services once a week. Some other things to look at would be the changes between 2012 and 2015. The percent who said that they attend “Daily”, “A few or more times a week”, “A few times a month”, or “A few times a year increased”. Also,

the percent who said that they attend “Weekly” or “Rarely if ever decreased”. There are both pros and cons to these findings. But overall, the fact that most people attend church weekly is a good sign.

There are both positive and negative trends that can be witnessed in the above question. In all three years, the most often selected response was “Weekly”; this makes sense because many people will attend church once a week, which is where they will also partake in a worship service. Although the response options are slightly different from 2005 to 2012 and 2015, they generally follow the same pattern and thus doing a comparison is still relevant. From 2005 to 2012, we see an increase in the percentage of respondents who answered “Weekly”; this percentage dips slightly from 2012 to 2015, but not enough to be a significant difference. From 2005 to 2012, the percentage of alumni who responded “Rarely if ever” (“None” in 2005) increased. One reason for this may be that “None” is a more blanket statement. Only those who actually never go to church will select this response. Whereas in the 2012 and 2015 surveys, “Rarely if ever” will catch those people who attend church on the rare occasion, so it makes sense that there would be more people selecting this response. More important to observe is the fact that from 2012 to 2015, the percent who selected “Rarely if ever” decreased. Also, between 2012 and 2015, the percent who selected “A few or more times a week” or “A few times a month” increased, which could be noted as positive changes.

The largest group of respondents reported that they take part in a prayer or Christian study group weekly. Between 2012 and 2015, the percent who responded “Daily”, “A few or more times a week”, “Weekly”, or “A few times a month” all increased. These are all positive changes and indicate that more people are partaking in prayer or Christian study groups. Another positive change to note is that the percent of those who responded “A few times a year” or “Rarely if ever” decreased between 2012 and 2015.

The most common response to the question of how often alumni engage in local outreach was “Rarely if ever”. The percent who said that they joined in local outreach “Daily”, “A few or more times a week”, or “Weekly” all increased from 2012 to 2015; these are all positive changes. On the other hand, the percent who said that they joined in local outreach “A few times a month” or “A few times a year” decreased; also the percent who said that they joined “Rarely if ever” increased. These are all negative trends to observe.

A majority of respondents reported that they join in global missions work “Rarely if ever”. The percent who responded this way, however, decreased from 2012 to 2015 and the percent who responded “Daily”, “A few of more times a week”, and “A few times a year” increased between 2012 and 2015.

## **Summary**

From most of the student survey data we see that a lot of students remained the same throughout their years at PLNU in regards to the concern that students will demonstrate a commitment to Christian Community. However, the students who changed their answers most often drifted in the negative direction away from what PLNU would like to see showing that many students are demonstrating a commitment to Christian Community less and less as time goes by. However, there are a few questions that differ from this moving in the positive direction. Those questions are asking about the likelihood of PLNU having a positive impact on their life of service to society and how often the student engages in worship with diverse peoples. Both of these questions seemed to have a positive change from the freshman and most recent response. Also, a few questions had changes going in both the positive and

negative direction without a clear indication as to which was stronger. These were the questions about how often the student reads their Bible and prays at home.

From the alumni data we see that as the years go on, the numbers look better for PLNU showing that PLNU has been doing better over the past 5 to 10 years at preparing their students for their future. As time goes on, a greater percentage of students feel that PLNU helped prepare them for performing volunteer service in 2015 than in 2012. Also, more students are engaging in and attending local religious activities in 2015 than in 2012. This suggests that PLNU is doing better as time goes on, and it is learning how to help prepare their students in the best ways possible. It also reflects the fact that many new college graduates drift away from church and return to their faith over time, this is often correlated with the birth of children.

Looking at the alumni data, each of the three numerical benchmarks are met or close to being met.

	Benchmark	2012	2015
Worship	75%	68.9%	74.5%
Group Study	50%	42%	52.9%
Outreach	50%	55.2%	41.6%

#### **Changes to be Made Based on Data:**

This data has some interesting data about changes that students undergo during their time as undergraduates. Further research needs to be done to understand the downward trends in some areas and if there are additional things that can be done to help students maintain their connections to the Christian community during the period in their life when they are separating from their parents and establishing their own values and life patterns.

#### **Rubric Used**

None. Survey data.

## Spiritual Development Assessment Data

**Learning Outcome:**

**B. Students will practice Christian discipleship**

**Outcome Measure:**

Selected questions from the PLNU survey panel survey of current students and the survey of alumni.

**Criteria for Success (how do you judge if the students have met your standards):**

The programming of the Office of Spiritual Development seeks to encourage participation on a variety of Christian practices including corporate worship and study, personal prayer and study and dedicating both time and money to Christian service. While we hope for 100% participation in many of these activities, we are realistic in realizing that now all alumni will exhibit these life behaviors. Some numerical goals for Christian discipleship in our alumni:

- Worship participation at least a few times per month: 75%
- Engaging in personal prayer at least a few times per week: 75%
- Engage in personal Bible study at least a few times per week: 50%
- Volunteered in a Christian organization: 50%

**Longitudinal Data:**

Student Survey Data:

**Prior joined in local evangelism (Freshman) ^ Prior joined in local evangelism (Most Recent Response) Crosstabulation**

			Prior joined in local evangelism (Most Recent Response)						Total
			Daily	A few times a week	Weekly	A few times a month	A few times a year	Rarely if ever	
Prior joined in local evangelism (Freshman)	Daily	Count	5	0	0	0	0	1	6
		Row %	83.3%	0.0%	0.0%	0.0%	0.0%	16.7%	100.0%
	A few times a week	Count	0	20	3	3	2	6	34
		Row %	0.0%	58.8%	8.8%	8.8%	5.9%	17.6%	100.0%
	Weekly	Count	1	1	41	1	2	7	53
		Row %	1.9%	1.9%	77.4%	1.9%	3.8%	13.2%	100.0%
	A few times a month	Count	3	0	2	108	5	15	133
		Row %	2.3%	0.0%	1.5%	81.2%	3.8%	11.3%	100.0%
	A few times a year	Count	0	2	3	2	113	16	136
		Row %	0.0%	1.5%	2.2%	1.5%	83.1%	11.8%	100.0%
	Rarely if ever	Count	0	0	2	6	5	258	271
		Row %	0.0%	0.0%	0.7%	2.2%	1.8%	95.2%	100.0%
Total	Count	9	23	51	120	127	303	633	
	Row %	1.4%	3.6%	8.1%	19.0%	20.1%	47.9%	100.0%	

**Prior read Bible in home (Freshman) \* Prior read Bible in home (Most Recent Response) Crosstabulation**

			Prior read Bible in home (Most Recent Response)					Total	
			Daily	A few times a week	Weekly	A few times a month	A few times a year		Rarely if ever
Prior read Bible in home (Freshman)	Daily	Count	101	14	4	4	3	2	128
		Row %	78.9%	10.9%	3.1%	3.1%	2.3%	1.6%	100.0%
	A few times a week	Count	7	96	8	5	3	5	124
		Row %	5.6%	77.4%	6.5%	4.0%	2.4%	4.0%	100.0%
	Weekly	Count	3	4	75	6	4	3	95
		Row %	3.2%	4.2%	78.9%	6.3%	4.2%	3.2%	100.0%
	A few times a month	Count	2	7	4	96	6	5	120
		Row %	1.7%	5.8%	3.3%	80.0%	5.0%	4.2%	100.0%
A few times a year	Count	1	2	1	3	58	7	72	
	Row %	1.4%	2.8%	1.4%	4.2%	80.6%	9.7%	100.0%	
Rarely if ever	Count	1	1	3	3	5	90	103	
	Row %	1.0%	1.0%	2.9%	2.9%	4.9%	87.4%	100.0%	
Total	Count	115	124	95	117	79	112	642	
	Row %	17.9%	19.3%	14.8%	18.2%	12.3%	17.4%	100.0%	

**Prior prayed in home (Freshman) \* Prior prayed in home (Most Recent Response) Crosstabulation**

			Prior prayed in home (Most Recent Response)					Total	
			Daily	A few times a week	Weekly	A few times a month	A few times a year		Rarely if ever
Prior prayed in home (Freshman)	Daily	Count	358	19	5	7	5	2	396
		Row %	90.4%	4.8%	1.3%	1.8%	1.3%	0.5%	100.0%
	A few times a week	Count	5	82	4	5	2	2	100
		Row %	5.0%	82.0%	4.0%	5.0%	2.0%	2.0%	100.0%
	Weekly	Count	5	2	47	2	4	1	61
		Row %	8.2%	3.3%	77.0%	3.3%	6.6%	1.6%	100.0%
	A few times a month	Count	2	1	0	32	5	1	41
		Row %	4.9%	2.4%	0.0%	78.0%	12.2%	2.4%	100.0%
A few times a year	Count	0	0	1	2	18	2	23	
	Row %	0.0%	0.0%	4.3%	8.7%	78.3%	8.7%	100.0%	
Rarely if ever	Count	0	1	0	1	0	19	21	
	Row %	0.0%	4.8%	0.0%	4.8%	0.0%	90.5%	100.0%	
Total	Count	370	105	57	49	34	27	642	
	Row %	57.6%	16.4%	8.9%	7.6%	5.3%	4.2%	100.0%	

**Read for spiritual life (Freshman) ^ Read for spiritual life (Most Recent Response) Crosstabulation**

			Read for spiritual life (Most Recent Response)						Total
			Daily	A few times a week	Once a week	A few times a month	A few times a year	Rarely if ever	
Read for spiritual life (Freshman)	Daily	Count	172	19	8	9	4	5	217
		Row %	79.3%	8.8%	3.7%	4.1%	1.8%	2.3%	100.0%
	A few times a week	Count	6	212	10	16	8	9	261
		Row %	2.3%	81.2%	3.8%	6.1%	3.1%	3.4%	100.0%
	Once a week	Count	3	5	78	3	3	3	95
		Row %	3.2%	5.3%	82.1%	3.2%	3.2%	3.2%	100.0%
	A few times a month	Count	0	1	0	28	4	2	35
		Row %	0.0%	2.9%	0.0%	80.0%	11.4%	5.7%	100.0%
	A few times a year	Count	0	0	2	2	24	0	28
		Row %	0.0%	0.0%	7.1%	7.1%	85.7%	0.0%	100.0%
	Rarely if ever	Count	0	0	0	0	1	10	11
		Row %	0.0%	0.0%	0.0%	0.0%	9.1%	90.9%	100.0%
	Total	Count	181	237	98	58	44	29	647
		Row %	28.0%	36.6%	15.1%	9.0%	6.8%	4.5%	100.0%

**Positive impact on life of service (Freshman) ^ Positive impact on life of service (Most Recent Response) Crosstabulation**

			Positive impact on life of service (Most Recent Response)						Total
			Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	N/A	
Positive impact on life of service (Freshman)	Strongly Agree	Count	252	30	11	6	1	0	300
		Row %	84.0%	10.0%	3.7%	2.0%	0.3%	0.0%	100.0%
	Agree	Count	12	239	14	2	0	2	269
		Row %	4.5%	88.8%	5.2%	0.7%	0.0%	0.7%	100.0%
	Neutral	Count	0	7	56	2	0	0	65
		Row %	0.0%	10.8%	86.2%	3.1%	0.0%	0.0%	100.0%
	Disagree	Count	0	0	0	3	0	0	3
		Row %	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%
	Strongly Disagree	Count	0	0	0	0	1	0	1
		Row %	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%
	N/A	Count	0	0	0	0	1	1	2
		Row %	0.0%	0.0%	0.0%	0.0%	50.0%	50.0%	100.0%
	Total	Count	264	276	81	13	3	3	640
		Row %	41.2%	43.1%	12.7%	2.0%	0.5%	0.5%	100.0%

**Positive impact on wrestling with moral and ethical issues (Freshman) \* Positive impact on wrestling with moral and ethical issues (Most Recent Response) Crosstabulation**

			Positive impact on wrestling with moral and ethical issues (Most Recent Response)					Total	
			Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree		N/A
Positive impact on wrestling with moral and ethical issues (Freshman)	Strongly Agree	Count	262	34	8	1	0	0	305
		Row %	85.9%	11.1%	2.6%	0.3%	0.0%	0.0%	100.0%
	Agree	Count	17	236	16	0	1	0	270
		Row %	6.3%	87.4%	5.9%	0.0%	0.4%	0.0%	100.0%
	Neutral	Count	3	8	46	0	0	0	57
		Row %	5.3%	14.0%	80.7%	0.0%	0.0%	0.0%	100.0%
	Disagree	Count	0	0	1	3	0	0	4
		Row %	0.0%	0.0%	25.0%	75.0%	0.0%	0.0%	100.0%
	Strongly Disagree	Count	0	0	0	0	1	0	1
		Row %	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%
	N/A	Count	0	0	0	0	0	2	2
		Row %	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%
	Total	Count	282	278	71	4	2	2	639
		Row %	44.1%	43.5%	11.1%	0.6%	0.3%	0.3%	100.0%

**Prior attended a local church (Freshman) \* Prior attended a local church (Most Recent Response) Crosstabulation**

			Prior attended a local church (Most Recent Response)					Total	
			Daily	A few times a week	Weekly	A few times a month	A few times a year		Rarely if ever
Prior attended a local church (Freshman)	Daily	Count	16	1	2	0	1	0	20
		Row %	80.0%	5.0%	10.0%	0.0%	5.0%	0.0%	100.0%
	A few times a week	Count	1	189	29	13	10	15	257
		Row %	0.4%	73.5%	11.3%	5.1%	3.9%	5.8%	100.0%
	Weekly	Count	1	3	195	8	8	18	233
		Row %	0.4%	1.3%	83.7%	3.4%	3.4%	7.7%	100.0%
	A few times a month	Count	0	1	2	56	4	5	68
		Row %	0.0%	1.5%	2.9%	82.4%	5.9%	7.4%	100.0%
A few times a year	Count	0	1	3	2	33	2	41	
	Row %	0.0%	2.4%	7.3%	4.9%	80.5%	4.9%	100.0%	
Rarely if ever	Count	0	0	0	0	0	24	24	
	Row %	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	
Total	Count	18	195	231	79	56	64	643	
	Row %	2.8%	30.3%	35.9%	12.3%	8.7%	10.0%	100.0%	

**Prior attended a worship service (Freshman) \* Prior attended a worship service (Most Recent Response) Crosstabulation**

			Prior attended a worship service (Most Recent Response)						Total
			Daily	A few times a week	Weekly	A few times a month	A few times a year	Rarely if ever	
Prior attended a worship service (Freshman)	Daily	Count	8	1	1	0	0	1	11
		Row %	72.7%	9.1%	9.1%	0.0%	0.0%	9.1%	100.0%
	A few times a week	Count	2	162	32	5	6	10	217
		Row %	0.9%	74.7%	14.7%	2.3%	2.8%	4.6%	100.0%
	Weekly	Count	0	3	225	19	6	15	268
		Row %	0.0%	1.1%	84.0%	7.1%	2.2%	5.6%	100.0%
	A few times a month	Count	0	0	5	61	5	11	82
	Row %	0.0%	0.0%	6.1%	74.4%	6.1%	13.4%	100.0%	
A few times a year	Count	0	1	2	1	29	4	37	
	Row %	0.0%	2.7%	5.4%	2.7%	78.4%	10.8%	100.0%	
Rarely if ever	Count	0	0	0	0	0	28	28	
	Row %	0.0%	0.0%	0.0%	0.0%	0.0%	100%	100.0%	
Total		Count	10	167	265	86	46	69	643
		Row %	1.6%	26.0%	41.2%	13.4%	7.2%	10.7%	100.0%

**Prior participated in prayer/Christian study group (Freshman) \* Prior participated in prayer/Christian study group (Most Recent Response) Crosstabulation**

			Prior participated in prayer/Christian study group (Most Recent ...						Total
			Daily	A few times a week	Weekly	A few times a month	A few times a year	Rarely if ever	
Prior participated in prayer/Christian study group (Freshman)	Daily	Count	17	0	3	0	1	1	22
		Row %	77.3%	0.0%	13.6%	0.0%	4.5%	4.5%	100.0%
	A few times a week	Count	1	110	10	3	6	14	144
		Row %	0.7%	76.4%	6.9%	2.1%	4.2%	9.7%	100.0%
	Weekly	Count	1	5	164	9	5	21	205
		Row %	0.5%	2.4%	80.0%	4.4%	2.4%	10.2%	100.0%
	A few times a month	Count	0	2	3	77	3	9	94
	Row %	0.0%	2.1%	3.2%	81.9%	3.2%	9.6%	100.0%	
A few times a year	Count	0	0	1	1	57	10	69	
	Row %	0.0%	0.0%	1.4%	1.4%	82.6%	14.5%	100.0%	
Rarely if ever	Count	0	0	3	6	3	94	106	
	Row %	0.0%	0.0%	2.8%	5.7%	2.8%	88.7%	100.0%	
Total		Count	19	117	184	96	75	149	640
		Row %	3.0%	18.3%	28.7%	15.0%	11.7%	23.3%	100.0%

**Prior joined in global missions work (Freshman) \* Prior joined in global missions work (Most Recent Response)**  
**Crosstabulation**

			Prior joined in global missions work (Most Recent Response)						Total
			Daily	A few times a week	Weekly	A few times a month	A few times a year	Rarely if ever	
Prior joined in global missions work (Freshman)	Daily	Count	3	0	0	0	0	0	3
		Row %	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
	A few times a week	Count	0	4	0	2	0	4	10
		Row %	0.0%	40.0%	0.0%	20.0%	0.0%	40.0%	100.0%
	Weekly	Count	0	0	7	0	1	3	11
		Row %	0.0%	0.0%	63.6%	0.0%	9.1%	27.3%	100.0%
	A few times a month	Count	0	0	1	28	3	5	37
		Row %	0.0%	0.0%	2.7%	75.7%	8.1%	13.5%	100.0%
	A few times a year	Count	0	3	1	0	154	37	195
		Row %	0.0%	1.5%	0.5%	0.0%	79.0%	19.0%	100.0%
	Rarely if ever	Count	1	1	0	3	11	366	382
		Row %	0.3%	0.3%	0.0%	0.8%	2.9%	95.8%	100.0%
	Total	Count	4	8	9	33	169	415	638
		Row %	0.6%	1.3%	1.4%	5.2%	26.5%	65.0%	100.0%

**Alumni Survey Data:**

Question	Year	Very Well (4)	Well (3)	Neutral (2)	Poorly (1)	Mean
In terms of your general education and your coursework, how well did PLNU prepare you for each of the following? Performing volunteer service	2015	38.0%	41.3%	17.9%	2.8%	3.15
	2012	34.9%	36.9%	23.7%	4.4%	3.02

Question	Year	Very Well (4)	Well (3)	Neutral (2)	Poorly (1)	Mean
In terms of your general education and your coursework, how well did PLNU prepare you for each of the following? Developing your system of values and ethics	2015	47.7%	40.5%	8.5%	3.3%	3.33
	2012	42.0%	36.9%	17.7%	3.5%	3.17

Question	Year	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	N/A
I have a better basis for making ethical decisions in personal relationships.	2005	24.7%	42.0%	25.8%	5.8%	1.0%	0.6%
I have a better basis for making ethical decisions in my work place.	2005	27.3%	45.3%	21.6%	4.5%	0.6%	0.6%

Question	Year	Daily	A few or more times a week	Weekly	A few times a month	A few times a year	Rarely if ever
About how often do you engage in each of the following activities? Attend a local church that you consider your home	2015	2.4%	16.6%	38.7%	16.8%	12.3%	13.2%
	2012	1.5%	12.6%	43.1%	11.7%	11.4%	19.7%

Question	Year	Daily	A few or more times a week	Weekly	A few times a month	A few times a year	Rarely if ever
About how often do you engage in each of the following activities? Attend a worship service	2015	0.6%	8.0%	49.2%	15.5%	13.8%	13.0%
	2012	0.9%	6.7%	49.7%	12.6%	13.5%	16.6%
	2005		24.0% (More Often)	46.4%	9.2% (Monthly)	12.1% (Quarterly)	8.3% (None)

Question	Year	Daily	A few or more times a week	Weekly	A few times a month	A few times a year	Rarely if ever
About how often do you engage in each of the following activities? Take part in a small prayer or Christian study group	2015	1.5%	8.8%	29.1%	13.6%	13.6%	33.5%
	2012	0.6%	5.5%	26.4%	9.5%	16.6%	41.4%

Question	Year	Daily	A few or more times a week	Weekly	A few times a month	A few times a year	Rarely if ever
About how often do you engage in each of the following activities? Join in local outreach	2015	1.5%	3.0%	5.1%	7.9%	24.2%	58.4%
	2012	1.2%	2.8%	4.0%	12.3%	34.9%	44.8%

Question	Year	Daily	A few or more times a week	Weekly	A few times a month	A few times a year	Rarely if ever
About how often do you engage in each of the following activities? Join in global missions work	2015	1.3%	0.9%	1.5%	3.4%	24.2%	68.7%
	2012	0.6%	0.3%	1.5%	3.7%	20.1%	73.7%

Question	Year	Daily	A few or more times a week	Weekly	A few times a month	A few times a year	Rarely if ever
About how often do you engage in each of the following activities? Read the Bible in your home	2015	19.3%	22.4%	12.0%	15.9%	12.3%	18.1%
	2012	20.2%	18.4%	9.5%	16.0%	12.6%	23.3%
	2005		36.2% (More Often)	25.1%	13.4% (Monthly)	11.6% (Quarterly)	13.6% (None)

Question	Year	Daily	A few or more times a week	Weekly	A few times a month	A few times a year	Rarely if ever
About how often do you engage in each of the following activities? Pray in your home	2015	56.3%	15.9%	10.1%	6.0%	3.7%	8.0%
	2012	58.0%	13.2%	8.3%	6.1%	2.8%	11.7%
	2005		73.5% (More Often)	13.8%	4.6% (Monthly)	4.2% (Quarterly)	3.9% (None)

Question	Year	Weekly	A few times a month	A few times a year	Rarely if ever
Please describe the frequency of your church involvement within the last couple of years: Gave money	2015	19.1%	35.0%	23.6%	22.4%
	2012	23.4%	33.8%	21.5%	21.2%

Question	Year	Weekly	A few times a month	A few times a year	Rarely if ever
Please describe the frequency of your church involvement within the last couple of years: Served in compassionate ministry	2015	6.4%	10.3%	26.8%	56.5%
	2012	5.0%	8.7%	27.9%	58.5%

Question	Year	Very much enhanced (4)	Much enhanced (3)	Enhanced (2)	Not enhanced (1)	Mean
How much were your abilities in the following areas enhanced by your total undergraduate experience at PLNU (in and out of the classroom)? Seeking cross-cultural experiences	2015	30.8%	22.2%	29.9%	17.1%	2.67
	2012	26.1%	28.6%	26.8%	18.6%	2.62

Question	Year	Strongly agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly disagree (1)	Mean
Please indicate your level of agreement with the following statements: My undergraduate experience at PLNU had a positive impact on: My commitment to Christ	2015	43.6%	32.8%	12.2%	6.4%	5.0%	4.03
	2012	32.5%	35.9%	22.4%	4.1%	5.1%	3.87

Question	Year	Strongly agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly disagree (1)	N/A	Mean
Thinking back over the last couple of years, please indicate your level of agreement or disagreement with the following statements: I have been of service to God through my employment	2015	39.1%	34.2%	16.2%	7.2%	3.3%	-	3.99
	2012	33.9%	37.3%	20.3%	4.7%	3.7%	-	3.93
	2005	27.6%	38.8%	21.6%	6.8%	3.1%	2.6%	-

Question	Year	Strongly agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly disagree (1)	N/A	Mean
Thinking back over the last couple of years, please indicate your level of agreement or disagreement with the following statements: I have been able to make a connection between my life calling and my career	2015	41.6%	30.6%	17.3%	7.5%	2.9%	-	4.01
	2012	35.5%	38.3%	14.4%	8.6%	3.2%	-	3.94
	2005	27.7%	34.5%	23.5%	9.2%	3.1%	2.1%	-

Question	Year	Percent
During the last couple of years, in which of the following activities have you been engaged? Given money for charitable work in the US	2015	65.8%
	2012	64.8%

Question	Year	Percent
During the last couple of years, in which of the following activities have you been engaged? Given money for disaster relief	2015	26.3%
	2012	37.0%

Question	Year	Percent
During the last couple of years, in which of the following activities have you been engaged? Volunteered time to help the poor	2015	49.8%
	2012	45.5%

Question	Year	Percent
During the last couple of years, in which of the following activities have you been engaged? Volunteered time to a Christian organization	2015	57.9%
	2012	50.9%

Question	Year	Percent
During the last couple of years, in which of the following activities have you been engaged? Followed an international news story in depth	2015	55.3%
	2012	53.0%

Question	Year	Percent
During the last couple of years, in which of the following activities have you been engaged? Given money for charitable work in other countries	2015	52.0%
	2012	53.9%

### Conclusions Drawn from Data:

#### Student Survey Data:

From the crosstab representing the question about how often the student joined in local evangelism, we can see that the most heavily selected responses in the freshman and most recent response surveys were “A few times a month”, “A few times a year”, and “Rarely if ever”. Those that changed their responses from their freshman year tended to change it negatively. This means that as students progressed through their time at PLNU, the amount of time they spent joining in local evangelism decreased. This is saying a lot too because most of the responses were already towards the lower end of the spectrum. I think that it is difficult for people to muster up the courage to share their faith with those around them, especially during such a formative and tender time of life. Also, because PLNU is a Christian institution, many students may have the thought that there is less of a need for evangelism on campus because they think that most people are believers already.

For the question about how often the student read their Bible in their room, in the freshman year and most recent response the options are pretty evenly spread out. There were shifts made after freshman year in both the positive and negative directions, with no direction standing out as the clear favorite. The highest chosen response for the freshman survey was “Daily”, while the highest chosen response for the most recent response was “A few times a week”. There appears to be a slightly positive trend between freshman year and the most recent response.

The reason for this may be the Bible and religion classes that Point Loma students are required to take; they may be increasing the amount of Bible reading in students who normally would not read their Bible.

In the freshman year and most recent response surveys the most commonly selected response was "Daily" to the question asking how often the student prays in his room. This is what Point Loma likes to see because it shows that students are taking initiative on their own to invest in a relationship with Christ. The changes that were made between freshman year and the most recent response were both negative and positive, with the negative side having a slight edge over the positive side. This means that over time, Point Loma students are not praying in their homes as often as they used to. A reason for this may be that some students on their own fall away from their faith because it was more of their parents' faith than it was their own. Homework and social activities may take away from any quiet time spent with God as well.

In this question we see that in both freshman year and the most recent response, the responses most often selected are either "Daily" or "A few times a week". In light of the standard learning outcome, this is a good pattern to observe because it means that students are pursuing discipleship in the frequent reading of spiritual pieces. We can also observe that there are both positive and negative shifts in response changes from freshman year to the most recent response. For instance, there are 4 students who make a positive shift from "A few times a year", but there are 45 students who make a negative shift from "A few times a week".

There is a general shift in responses to this question that actually show people's level of agreement with the statement to be increasing. There are the occasional few whose level of agreement drops drastically, but overwhelmingly, the results are positive for Point Loma. A majority of people either agree or strongly agree with the statement that their undergraduate experience at Point Loma will have a positive impact on their life of service to society.

For both freshmen and the most recent response, a majority of students selected either "Strongly Agree" or "Agree" in response to the question of whether Point Loma will have/is having a positive impact on their ability to wrestle with moral and ethical issues. This is a good observation to be made by Point Loma; also, any changes made between the freshman year and the most recent response were mainly made in the positive direction. This means that, throughout their time at Point Loma, more students felt that PLNU was having a positive impact on their ability to wrestle with moral and ethical issues.

The practice of Christian discipleship is somewhat lacking in the results of this question. While many of the responses do not change between freshman year and the most recent response, those that do change generally shift in the negative direction. There are a few exceptions where the number of times a student has attended a local church has increased, but generally, the larger percentage shift goes in the negative direction. In both the freshman year and the most recent response, the responses that were most often selected were either "A few times a week" or "Weekly"; these responses are ones that Point Loma would want its students to have in regards to their Christian discipleship.

Amongst Point Loma students there is a trend in which the amount of worship services attended decreases between freshman year and the most recent response. This is not a trend which

Point Loma as an institution would like to observe because it means that students are not demonstrating a strong practice of Christian discipleship. A reason for this may be that there was a decrease in the chapel requirements throughout the years; this would mean that students would be attending less worship services than they had in the past. When we are observing overall responses, the majority of freshman and most recent responses fall within the “A few times a week” or “Weekly” categories.

While changes in both the positive and negative directions can be observed, the majority of changes occur negatively for this survey question. This question is a huge part of the standard learning outcome B and as such, these results are definitely not ideal for Point Loma. The overall spread of responses is not what Point Loma would hope for either. While most of the responses fall within the “A few times a week” and “Weekly” categories, these two categories reach just over 50% for freshman and do not even reach 50% for the most recent response.

As freshmen, most students say that they have participated in global missions work “Rarely if ever”; this same observation can be made with the most recent response data. Also, when a person changes their response from freshman year, it generally goes into the negative direction. With LoveWorks and Ministry with Mexico, Point Loma would hope to see the opposite trend happen; however, the results show that a majority of people who change their responses are actually engaging in less global missions work than they did before freshman year. Also, in both the freshman and most recent response data, the biggest percentages lie in the “A few times a year” and “Rarely if ever” options.

#### Alumni Survey Data:

Most commonly, alumni in 2012 and 2015 responded that they felt that their general education and coursework prepared them well for performing volunteer service. The second most selected response to this question was “Very Well”. These are very good results for Point Loma and the mean values, which are both above 3, also speak well to Point Loma’s ability to equip its students for the performance of volunteer work after graduation. A mean value above 3 indicates that on average, alumni felt well prepared for performing volunteer service. Another positive result that can be seen from the data above is that from 2012 to 2015, the percent of students who selected “Very Well” or “Well” increased while the percent of students who selected “Neutral” or “Poorly” decreased. This means that Point Loma has done a better job of preparing its students for volunteer work as time has passed.

Two of the above questions deal with Point Loma’s ability to prepare its students for making their own decisions when it comes to values and ethics. In 2005, most people agreed that they had a better basis for making ethical decisions in personal relationships and in the workplace. Similarly, in 2012 and 2015, most alumni reported that PLNU prepared them very well for developing their systems of values and ethics. The mean values for both 2012 and 2015 are above 3, meaning that, on average, people said that they felt that PLNU prepared them well for developing their systems of values and ethics. These are very positive results for Point Loma. What is even more positive is that from 2005 to 2015, the percent of people who felt most strongly in agreement with the statements increased each year. Similarly, the percent of alumni who felt neutrally or disagreed completely decreased as time went on.

The most common response for alumni in 2012 and 2015 was that they attend a local church that they consider to be their home congregation weekly. This is a fairly typical response since most churches offer Saturday or Sunday services once a week. Some other things to look at would be the changes between 2012 and 2015. The percent who said that they attend “Daily”, “A few or more times a week”, “A few times a month”, or “A few times a year increased”. Also,

the percent who said that they attend “Weekly” or “Rarely if ever decreased”. There are both pros and cons to these findings. But overall, the fact that most people attend church weekly is a good sign.

There are both positive and negative trends that can be witnessed in the above question. In all three years, the most often selected response was “Weekly”; this makes sense because many people will attend church once a week, which is where they will also partake in a worship service. Although the response options are slightly different from 2005 to 2012 and 2015, they generally follow the same pattern and thus doing a comparison is still relevant. From 2005 to 2012, we see an increase in the percentage of respondents who answered “Weekly”; this percentage dips slightly from 2012 to 2015, but not enough to be a significant difference. From 2005 to 2012, the percentage of alumni who responded “Rarely if ever” (“None” in 2005) increased. One reason for this may be that “None” is a more blanket statement. Only those who actually never go to church will select this response. Whereas in the 2012 and 2015 surveys, “Rarely if ever” will catch those people who attend church on the rare occasion, so it makes sense that there would be more people selecting this response. More important to observe is the fact that from 2012 to 2015, the percent who selected “Rarely if ever” decreased. Also, between 2012 and 2015, the percent who selected “A few or more times a week” or “A few times a month” increased, which could be noted as positive changes.

The largest group of respondents reported that they take part in a prayer or Christian study group weekly. Between 2012 and 2015, the percent who responded “Daily”, “A few or more times a week”, “Weekly”, or “A few times a month” all increased. These are all positive changes and indicate that more people are partaking in prayer or Christian study groups. Another positive change to note is that the percent of those who responded “A few times a year” or “Rarely if ever” decreased between 2012 and 2015.

The most common response to the question of how often alumni engage in local outreach was “Rarely if ever”. The percent who said that they joined in local outreach “Daily”, “A few or more times a week”, or “Weekly” all increased from 2012 to 2015; these are all positive changes. On the other hand, the percent who said that they joined in local outreach “A few times a month” or “A few times a year” decreased; also the percent who said that they joined “Rarely if ever” increased. These are all negative trends to observe.

A majority of respondents reported that they join in global missions work “Rarely if ever”. The percent who responded this way, however, decreased from 2012 to 2015 and the percent who responded “Daily”, “A few of more times a week”, and “A few times a year” increased between 2012 and 2015.

The results from this question vary quite a bit from year to year. In 2005, the most often selected response was “More Often”, indicating that these people read their Bibles in their homes more than just weekly. This is an extremely positive result to observe. In 2012, the most often selected response was that people read their Bibles in their homes “Rarely if ever”. This stands in stark contrast to 2005 and is an extremely negative result to observe. In 2015, most alumni responded that they read their Bibles in their homes “A few or more times a week”. This result is more in line with the result from 2005. Looking at just the changes between 2012 and 2015, most of the trends are moving in the positive direction. For instance, the percent who said that they read their Bibles in their homes “A few or more times a week” and “Weekly” increased, while those who said that they read their Bibles in their homes “A few times a month”, “A few times a year”, and “Rarely if ever” decreased.

In 2005, a majority of respondents said that they prayed in their homes “More Often”, meaning that they prayed in their homes more than just weekly. In 2012 and 2015, a majority of alumni responded that they prayed in their homes “Daily”. Comparing 2012 and 2015, the percent of people who said that they prayed in their homes “Weekly” increased while the percent who said that they prayed in their homes “Rarely if ever” decreased; these are both positive changes. Some negative changes to note are that the percent who said that they pray in their homes “Daily” decreased while the percent who said that they prayed in their homes “A few times a year” increased.

The most common responses to the question of how often alumni gave money to the church in the last couple of years was “A few times a month”. Thinking about tithing and the fact that most people probably get paid twice a month (every other week), this response makes sense and should be reassuring for Point Loma to hear. In fact, the percent who said that they give a few times a month actually increased between 2012 and 2015. Unfortunately, all of the other trends that we see in this question are negative. The percent who give weekly decreased while the percent who give a few times a year or rarely if ever increased from 2012 to 2015.

Most people in both the 2012 and 2015 surveys responded that in the last couple of years, they served in compassionate ministry “Rarely if ever”. The percent who responded this way did decrease from 2012 to 2015 and the percent who said that they served in compassionate ministry “Weekly” or “A few times a month” increased from 2012 to 2015. While the percent who responded that they served in compassionate ministry “A few times a year” decreased from 2012 to 2015, it may be that those who did not answer this way instead chose to select one of the responses that indicate that they served more often, which is a positive trend to observe.

In 2012, the most often selected response to the question of how much the PLNU undergraduate experience enhanced the alumni’s ability to seek cross-cultural experiences was “Much enhanced”. In 2015, the most common response was “Very much enhanced”. The percent who answered “Very much enhanced” increased from 2012 to 2015 while the percent who answered “Much enhanced” decreased from 2012 to 2015. The percent who answered “Enhanced” increased from 2012 to 2015 as well. The mean values indicate that most people were in between “Enhanced “ and “Much enhanced” in their answering of this question.

The largest group of respondents in the 2012 alumni group said that they agreed with the statement that their undergraduate experience at PLNU had a positive impact on their commitment to Christ. In 2015, the largest group reported that they strongly agreed with the statement. From 2012 to 2015, the percent who strongly agreed as well as the percent who disagreed increased. Also, the percent of those who agreed or felt neutral decreased from 2012 to 2015. The mean value increased slightly from 2012 to 2015, meaning that, on average, alumni were starting to agree with the statement more as time passed. In the second table, questions similar to the one asked in 2012 and 2015 are given. Here, we see that most alumni report that they agree that they have a stronger personal relationship with God, a better understanding of what it means to be a Christian, and they have grown in their Christian faith. In these questions, the largest percent of respondents reported that they agreed that they have a stronger relationship with God, a better understanding of what it means to be a Christian, and have grown in their Christian faith. All together, these questions can be very similar to the one asked in 2012 and 2015. This being said, the 2005 alumni seem to follow the same trend that the 2012 and 2015 alumni did in their response to how PLNU allowed them to be formed in their Christian faith.

Most commonly in 2005 and 2012, alumni reported that they agreed with the statement that they had been of service to God through their employment. Most commonly in 2015, alumni reported that they strongly agreed with the statement that they had been of service to God through their employment. Because there was an extra response option, "N/A", in 2005, the percentage comparisons may be slightly off. This being said, through the years, we see an increase in the percent who responded "Strongly agree" and a decrease in the percent of those who responded "Agree" or "Neutral". We can also see slight increases in the percent who "Disagree" or "Strongly disagree". From 2012 to 2015, the mean value increased ever so slightly to make a stronger case for the fact that, on average, alumni agreed that they had been of service to God through their employment.

In 2005 and 2012, the response with the highest percentage indicated that most often, alumni agreed that they had been able to make a connection between their life calling and their career. In 2015, alumni most commonly reported that they strongly agreed with that statement. While over time the percent who strongly agreed with the statement increased, the percent in every other category decreased. The mean value, which is about 4 for both 2012 and 2015 indicates that on average, alumni agree that they have been able to make a connection between their life calling and their career. Overall, the results from this question are positive and show an increased amount of agreement with the statement over time.

The percent of alumni who engaged in giving money for charitable work in the US increased between 2012 and 2015. That being said, the percent who engaged in this activity was already quite large and represents well over half of the respondents.

In 2012 and 2015, most of the alumni reported that they had given money to a Christian organization within the last couple of years. While this is a good trend to observe, the percent who said that they had done this activity actually decreased between 2012 and 2015. This means that a smaller portion in 2015 said that they had engaged in giving Money to a Christian organization than the portion who said the same in 2012.

In 2012 and 2015, the percent of alumni who said that they had given money for disaster relief in the last couple of years was fairly low and well under 50%. Also, the already low percentage in 2012 dropped a staggering 11% in 2015.

From 2012 to 2015, the percent of alumni who reported that they had volunteered time to help the poor increased so that it rests just under fifty percent.

Over half of respondents in 2012 and 2015 said that they had volunteered time to a Christian organization in the last couple of years. Also, between 2012 and 2015, the percent who said that they had engaged in this activity increased by 7%.

Over half of alumni in 2012 and 2015 reported that they had followed an international news story in depth in the last couple of years. The percent who said they had done this actually increased from 2012 to 2015.

Over half of the respondents in the 2012 and 2015 alumni surveys reported that they had given money for charitable work in other countries in the last couple of years. Unfortunately, the percent who said this decreased by about 2% from 2012 to 2015.

Less than a quarter of respondents in 2012 and 2015 reported that they had volunteered time to help the poor in other countries in the last few years. Between 2012 and 2015, however, the percent did increase by about 4%.

## Summary

From the student survey data we see that most of the responses from freshman to most recent response have migrated toward the negative direction away from the goal that Point Loma students will practice Christian discipleship. For example, the majority of the freshman responses were that they attended a local church 'A few times a week' or 'Weekly'. However, these numbers drastically diminished when comparing the freshman response with the most recent response as several people changed their answers to 'A few times a year' or 'Rarely if ever'. The numbers are similar for the amount that students attend a worship service, if they participate in prayer/Christian study groups, and if they participated in global missions work. The majority of students indicated that they do not participate in evangelism. Of the responses that changed, most changed in the negative direction indicating that they evangelize less than they did as incoming freshmen. As Point Loma would like to see, there is a slight positive trend with reading the Bible at home, which may be due to the required Bible reading in certain general education classes. Most students marked 'strongly agree' or 'agree' saying that they believe Point Loma will have/ is having a positive impact on their life of service to society and on their ability to wrestle with moral and ethical issues.

From the Alumni data we see that from 2012 to 2015 the percentages generally increase in the positive direction. For example, from 2012 to 2015, the 'Weekly', 'A few or more times a week', and 'Daily' percentages all increased while the "A few times a year" or "Rarely if ever" percentages decreased in response to if they joined in a local outreach. There are a few questions that do not increase in the positive direction. One example being, the amount of people who donated money to a Christian organization decreased from 2012 to 2015.

Looking at the alumni data, each of the three numerical benchmarks are met or close to being met.

	Benchmark	2012	2015
Worship	75%	68.9%	74.5%
Prayer	75%	71.2%	72.2%
Study	50%	48.1%	53.7%
Volunteerism	50%	50.9%	57.9%

## Changes to be Made Based on Data:

This data has some interesting data about changes that students undergo during their time as undergraduates. Further research needs to be done to understand the downward trends in some areas and if there are additional things that can be done to help students maintain their connections to the Christian community during the period in their life when they are separating from their parents and establishing their own values and life patterns.

## Rubric Used

None. Survey data.

## Spiritual Development Assessment Data

**Learning Outcome:**

**C. Students will exhibit growth as Christian leaders.**

**Outcome Measure:**

Selected questions from the PLNU survey panel survey of current students and the survey of alumni.

**Criteria for Success (how do you judge if the students have met your standards):**

The programming of the Office of Spiritual Development seeks to help students grow as leaders. A number of leadership opportunities are available at PLNU including service as ministry group leaders, discipleship group leaders and worship leaders. These leaders receive a wide variety of training during their time as leaders and our desire is that they carry their leadership skills with them and into church and volunteer opportunities when they graduate. Some numerical goals for Christian leadership as displayed by alumni:

Led a Christian Study at least a few times per year: 40%

Used professional skills to serve the church at least a few times per year: 40%

Importance of teams getting along agree or strongly agree: 75%

**Longitudinal Data:**

Student Survey Data:

**Church involvement: led Christian group/taught Sunday school (Freshman) ^ Church involvement: led Christian group/taught Sunday school (Most Recent Response) Crosstabulation**

			Church involvement: led Christian group/taught Sunday school (Most Recent Response)					Total
			Weekly	A few times a month	Most months	A few times a year	Rarely if ever	
Church involvement: led Christian group/taught Sunday school (Freshman)	Weekly	Count	84	3	0	5	16	108
		Row %	77.8%	2.8%	0.0%	4.6%	14.8%	100%
	A few times a month	Count	2	54	0	3	9	68
		Row %	2.9%	79.4%	0.0%	4.4%	13.2%	100%
	Most months	Count	0	0	31	4	5	40
		Row %	0.0%	0.0%	77.5%	10.0%	12.5%	100%
	A few times a year	Count	1	2	1	80	23	107
		Row %	0.9%	1.9%	0.9%	74.8%	21.5%	100%
	Rarely if ever	Count	3	1	1	1	304	310
		Row %	1.0%	0.3%	0.3%	0.3%	98.1%	100%
Total	Count	90	60	33	93	357	633	
	Row %	14.2%	9.5%	5.2%	14.7%	56.4%	100%	

**Church involvement: led corporate worship (Freshman) \* Church involvement: led corporate worship (Most Recent Response) Crosstabulation**

			Church involvement: led corporate worship (Most Recent ...					Total
			Weekly	A few times a month	Most months	A few times a year	Rarely if ever	
Church involvement: led corporate worship (Freshman)	Weekly	Count	31	1	1	0	6	39
		Row %	79.5%	2.6%	2.6%	0.0%	15.4%	100.0%
	A few times a month	Count	0	30	2	3	6	41
		Row %	0.0%	73.2%	4.9%	7.3%	14.6%	100.0%
	Most months	Count	1	1	20	0	7	29
		Row %	3.4%	3.4%	69.0%	0.0%	24.1%	100.0%
	A few times a year	Count	0	0	0	38	13	51
		Row %	0.0%	0.0%	0.0%	74.5%	25.5%	100.0%
	Rarely if ever	Count	0	0	1	9	462	472
		Row %	0.0%	0.0%	0.2%	1.9%	97.9%	100.0%
Total	Count	32	32	24	50	494	632	
	Row %	5.1%	5.1%	3.8%	7.9%	78.2%	100.0%	

**Alumni Survey Data:**

Question	Year	Weekly	A few times a month	A few times a year	Rarely if ever
Please describe the frequency of your church involvement within the last couple of years: Led a Christian study group or taught Sunday school	2015	14.8%	10.5%	14.6%	60.1%
	2012	12.3%	8.9%	14.2%	64.6%

Question	Year	Weekly	A few times a month	A few times a year	Rarely if ever
Please describe the frequency of your church involvement within the last couple of years: Led corporate worship	2015	6.0%	4.5%	5.4%	84.1%
	2012	4.0%	6.5%	3.1%	86.4%

Question	Year	Weekly	A few times a month	A few times a year	Rarely if ever
Please describe the frequency of your church involvement within the last couple of years: Used my professional skills to assist the church	2015	11.0%	10.8%	22.8%	55.4%
	2012	9.3%	7.7%	22.8%	60.2%

Question	Year	Weekly	A few times a month	A few times a year	Rarely if ever
Please describe the frequency of your church involvement within the last couple of years: Served on the church "board" (elected leadership) or other	2015	5.6%	5.8%	5.6%	83.0%
	2012	4.6%	5.9%	4.6%	84.9%

Question	Year	Essential (4)	Very important (3)	Somewhat important (2)	Not important (1)	Mean
How important are the following areas to you personally? For everyone on my teams to get along	2015	24.6%	46.9%	26.0%	2.5%	2.94
	2012	25.8%	50.6%	22.3%	1.3%	3.01

Question	Year	Strongly agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly disagree (1)	N/A	Mean
Thinking back over the last couple of years, please indicate your level of agreement or disagreement with the following statements: I have been of service to God through my employment	2015	39.1%	34.2%	16.2%	7.2%	3.3%	-	3.99
	2012	33.9%	37.3%	20.3%	4.7%	3.7%	-	3.93
	2005	27.6%	38.8%	21.6%	6.8%	3.1%	2.6%	-

Question	Year	Strongly agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly disagree (1)	N/A	Mean
Thinking back over the last couple of years, please indicate your level of agreement or disagreement with the following statements: I have been able to make a connection between my life calling and my career	2015	41.6%	30.6%	17.3%	7.5%	2.9%	-	4.01
	2012	35.5%	38.3%	14.4%	8.6%	3.2%	-	3.94
	2005	27.7%	34.5%	23.5%	9.2%	3.1%	2.1%	-

## **Conclusions Drawn from Data:**

### Student Survey Data:

The response that is selected more often than all of the others in both the freshman year and most recent response is “Rarely if ever”. In light of the standard learning outcome, this is not a desired response. Of those students who changed their response from freshman year, most of them moved in a negative direction, indicating that as they go farther into their careers as Point Loma students, they become less involved in leading a Christian group or teaching Sunday school. One reason for this may be that there are less opportunities for them as they leave home and are away from their home churches where they may feel more comfortable.

A very large percentage of students in both the freshman year and the most recent response selected “Rarely if ever” in response to the question of how often they led corporate worship. In addition, those who changed their response from freshman year generally changed it in the negative direction. This means that during a student’s time at Point Loma, their involvement in leading corporate worship decreases. This is not a desired result for Point Loma in regards to their standard learning outcome that focuses on exhibiting growth as Christian leaders.

### Alumni Survey Data:

The most common response to the question of how often PLNU alumni led a Christian study group or taught Sunday school was “Rarely if ever”. Fortunately, the percent who responded this way decreased from 2012 to 2015. Also, the percent who said that they led a Christian study group or taught Sunday school “Weekly”, “A few times a month”, and “A few times a year” all increased.

Most people responded that they led corporate worship within their church “Rarely if ever” within the last couple of years. This percentage did decrease between 2012 and 2015; however, the percent who responded “A few times a month” decreased and the percent who responded “A few times a year” increased, which could be seen as negative changes. One positive trend that can be recognized here is that the percent who said that they led corporate worship weekly in the last couple of years increased between 2012 and 2015.

The majority of people responded that they “Rarely if ever” used their professional skills to assist the church in the last couple of years. The percent who said that they used their professional skills to help the church “Weekly” or “A few times a month” increased from 2012 to 2015. This means that more people are using their professional skills to assist the church as time passes.

The majority of people responded that they “Rarely if ever” served on the church board within the last couple of years. The percent who reported this did decrease from 2012 to 2015, which is a positive change. Similarly, the percent who said that they served on the church board “Weekly” or “A few times a year” increased from 2012 to 2015. Any change in the positive direction in any response except for “Rarely if ever” is a positive change because it means more involvement.

The largest percent for any one response to this question about the personal importance of everyone on an alumni’s team to get along is “Very important”. Between 2012 and 2015, however, the percent who thought that this was “Essential” or “Very important” decreased while the percent who thought this was “Somewhat important” or “Not important” increased. This means that everyone on their teams getting along was not as important to the 2015 alumni as it was for the 2012 alumni. Similarly, the mean values for 2012 and 2015, while close, differ in the

fact that the 2015 mean is smaller than the 2012 mean. Both means signify that, on average, alumni thought that everyone on their teams getting along was either “Very important” or “Somewhat important”.

Most commonly in 2005 and 2012, alumni reported that they agreed with the statement that they had been of service to God through their employment. Most commonly in 2015, alumni reported that they strongly agreed with the statement that they had been of service to God through their employment. Because there was an extra response option, “N/A”, in 2005, the percentage comparisons may be slightly off. This being said, through the years, we see an increase in the percent who responded “Strongly agree” and a decrease in the percent of those who responded “Agree” or “Neutral”. We can also see slight increases in the percent who “Disagree” or “Strongly disagree”. From 2012 to 2015, the mean value increased ever so slightly to make a stronger case for the fact that, on average, alumni agreed that they had been of service to God through their employment.

In 2005 and 2012, the response with the highest percentage indicated that most often, alumni agreed that they had been able to make a connection between their life calling and their career. In 2015, alumni most commonly reported that they strongly agreed with that statement. While over time the percent who strongly agreed with the statement increased, the percent in every other category decreased. The mean value, which is about 4 for both 2012 and 2015 indicates that on average, alumni agree that they have been able to make a connection between their life calling and their career. Overall, the results from this question are positive and show an increased amount of agreement with the statement over time.

## Summary

From the student survey data focusing on whether or not students will exhibit growth as Christian leaders we see that the large majority of people marked ‘Rarely if ever’ to the questions asking if they had led a Christian group/taught Sunday school or led corporate worship. For both of these questions, we see that the students who marked that they had led in these ways as incoming freshman changed their answers in the negative direction, indicating that they led in these ways less while they are in college. This in turn shows that they are not exhibiting growth as Christian leaders.

From the Alumni data we can conclude that for the most part the alumni are answering ‘Rarely if ever’ to the questions asking if they have been a leader in different areas of the church, if they have used their professional skills to assist the church or if they have served on the church “board” (elected leadership) or other. Even though these numbers are somewhat discouraging, they have been changing positively from 2012 to 2015. Generally the ‘Rarely if ever’ percentages would decrease while the ‘Weekly’, ‘A few times a month’, and ‘A few times a year’ percentages would increase. The percentages in answer to the question asking if the alumni have been able to make a connection between their life calling and their career moved in the negative direction from 2012 to 2015. However, the overall results from this question are positive and show an increased amount of agreement with the statement over time.

Looking at the alumni data, each of the three numerical benchmarks are met or close to being met.

	Benchmark	2012	2015
Led groups	40%	35.4%	39.9%
Used professional skills	40%	39.8%	44.6%
Teams getting along	75%	76.4%	71.5%

**Changes to be Made Based on Data:**

This data has some interesting information about the number of leadership opportunities in which students are engaging while in college. The university had a number of leadership positions, but certainly not one position per person. It is worth investigating if it is possible to assist students in seeking leadership opportunities in the community outside of what the university offers.

**Rubric Used**

None. Survey data.

## Spiritual Development Assessment Data

**Learning Outcome:**

**D. Students will demonstrate the ability to be effective team members**

**Outcome Measure:**

Selected questions from the PLNU survey panel survey of current students and the survey of alumni.

**Criteria for Success (how do you judge if the students have met your standards):**

PLNU works to shape students as effective team members and the Spiritual Development programs are all group programs with a great deal of focus on teamwork. Here are some numerical goals for alumni outcomes in this area:

Importance of teams getting along agree or strongly agree: 75%

Interaction with people who challenged basic values: 80%

Sought the opinions and perspectives of others: 80%

Had a meal with someone of a different racial or ethnic background: 80%

**Longitudinal Data:**

Student Survey Data:

**This institution contributed to your working effectively with others (Freshman) ^ This institution contributed to your working effectively with others (Senior) Crosstabulation**

			This institution contributed to your working effectively with others (Senior)			Total
			Some	Quite a bit	Very much	
This institution contributed to your working effectively with others (Freshman)	Some	Count	1	4	2	7
		Row %	14.3%	57.1%	28.6%	100.0%
	Quite a bit	Count	4	3	10	17
		Row %	23.5%	17.6%	58.8%	100.0%
	Very much	Count	1	5	5	11
		Row %	9.1%	45.5%	45.5%	100.0%
Total	Count	6	12	17	35	
	Row %	17.1%	34.3%	48.6%	100.0%	

Alumni Survey Data:

Question	Year	Essential (4)	Very important (3)	Somewhat important (2)	Not important (1)	Mean
How important are the following areas to you personally? For everyone on my teams to get along	2015	24.6%	46.9%	26.0%	2.5%	2.94
	2012	25.8%	50.6%	22.3%	1.3%	3.01

Question	Year	Percent
During the last couple of years, in which of the following activities have you been engaged? Volunteered time to help the poor	2015	49.8%
	2012	45.5%

Question	Year	Percent
During the last couple of years, in which of the following activities have you been engaged? Volunteered time to a Christian organization	2015	57.9%
	2012	50.9%

Question	Year	Percent
During the last couple of years, in which of the following activities have you been engaged? Taken part in a men's or women's support group	2015	29.4%
	2012	28.5%

Question	Year	Percent
During the last couple of years, in which of the following activities have you been engaged? Interacted with persons who challenged my basic values	2015	82.5%
	2012	81.2%

Question	Year	Percent
During the last couple of years, in which of the following activities have you been engaged? Sought the perspectives and opinions of others	2015	86.0%
	2012	89.4%

Question	Year	Percent
During the last couple of years, in which of the following activities have you been engaged? Had meals with people of other racial and ethnic backgrounds	2015	81.4%
	2012	84.2%

Question	Year	Percent
During the last couple of years, in which of the following activities have you been engaged? Worshipped with people of different racial and ethnic backgrounds	2015	63.2%
	2012	63.9%

Question	Year	Percent
During the last couple of years, in which of the following activities have you been engaged? Volunteered time to help the poor in other countries	2015	24.3%
	2012	20.6%

### Conclusions Drawn from Data:

#### Student Survey Data:

The results of this question are reassuring for Point Loma in light of standard learning outcome D concerning the ability of Point Loma students to be effective leaders. In the freshman year survey, the most often selected response was “Very much”. In the most recent response, the most often selected response was “Quite a bit”. It is almost as though the percentages of these two responses flipped between the freshman year and the most recent response. The percent who selected “Very much” freshman year is equal to the percent who selected “Quite a bit” in their most recent response. The slight difference in “Quite a bit” from freshman year and “Very much” in the most recent response can be seen in the increased percentage on the “Some” category from freshman year to the most recent response.

#### Alumni Survey Data:

The largest percent for any one response to this question about the personal importance of everyone on an alumni’s team to get along is “Very important”. Between 2012 and 2015, however, the percent who thought that this was “Essential” or “Very important” decreased while the percent who thought this was “Somewhat important” or “Not important” increased. This means that everyone on their teams getting along was not as important to the 2015 alumni as it was for the 2012 alumni. Similarly, the mean values for 2012 and 2015, while close, differ in the fact that the 2015 mean is smaller than the 2012 mean. Both means signify that, on average, alumni thought that everyone on their teams getting along was either “Very important” or “Somewhat important”.

From 2012 to 2015, the percent of alumni who reported that they had volunteered time to help the poor increased so that it rests just under fifty percent.

Over half of respondents in 2012 and 2015 said that they had volunteered time to a Christian organization in the last couple of years. Also, between 2012 and 2015, the percent who said that they had engaged in this activity increased by 7%.

Just under 30% of alumni reported that they had taken part in a men's or women's support group in the last few years. Although this percent increased from 2012 and 2015, the amount that it increased was less than 1%.

The vast majority of alumni in 2012 and 2015 responded that they had come into contact with persons who challenged their basic values in the last couple of years. This percentage increased by slightly over 1% from 2012 to 2015.

A very large percentage of alumni reported that they had sought the opinions and perspectives of others in the last couple of years. Between 2012 and 2015, the percent who responded this way dropped 3.6%.

A large majority of alumni responded that they had eaten meals with people of other racial and ethnic backgrounds in the last couple of years. This percentage did drop, however, between the 2012 and 2015 groups of alumni.

The results from the 2012 and 2015 groups of alumni are almost identical; in both groups, about 63% of respondents reported that they had worshipped with people of different racial and ethnic backgrounds in the last couple of years.

Less than a quarter of respondents in 2012 and 2015 reported that they had volunteered time to help the poor in other countries in the last few years. Between 2012 and 2015, however, the percent did increase by about 4%.

### **Summary**

From the Alumni data we see that in answer to all of the questions relating to how the students demonstrate the ability to be effective team members most answers changed slightly in the positive direction from 2012 to 2015. The only two that move in the negative direction were the questions asking if people had sought the opinions and perspectives of others in the last couple of years and if they had eaten meals with people of other racial and ethnic backgrounds in the last couple of years. Both of these questions decrease about 3% from 2012 to 2015.

Looking at the alumni data, each of the three numerical benchmarks are met or close to being met.

	Benchmark	2012	2015
Teams getting along	75%	76.4%	71.5%
Challenged values	80%	81.2%	82.5%
Sought opinions	80%	89.4%	86.0%
Meal with different racial and ethnic groups	80%	84.2%	81.4%

### **Changes to be Made Based on Data:**

It looks like PLNU's work to develop graduates as effective team members is successful. The emphasis on teamwork should be continued.

**Rubric Used**  
None. Survey data.