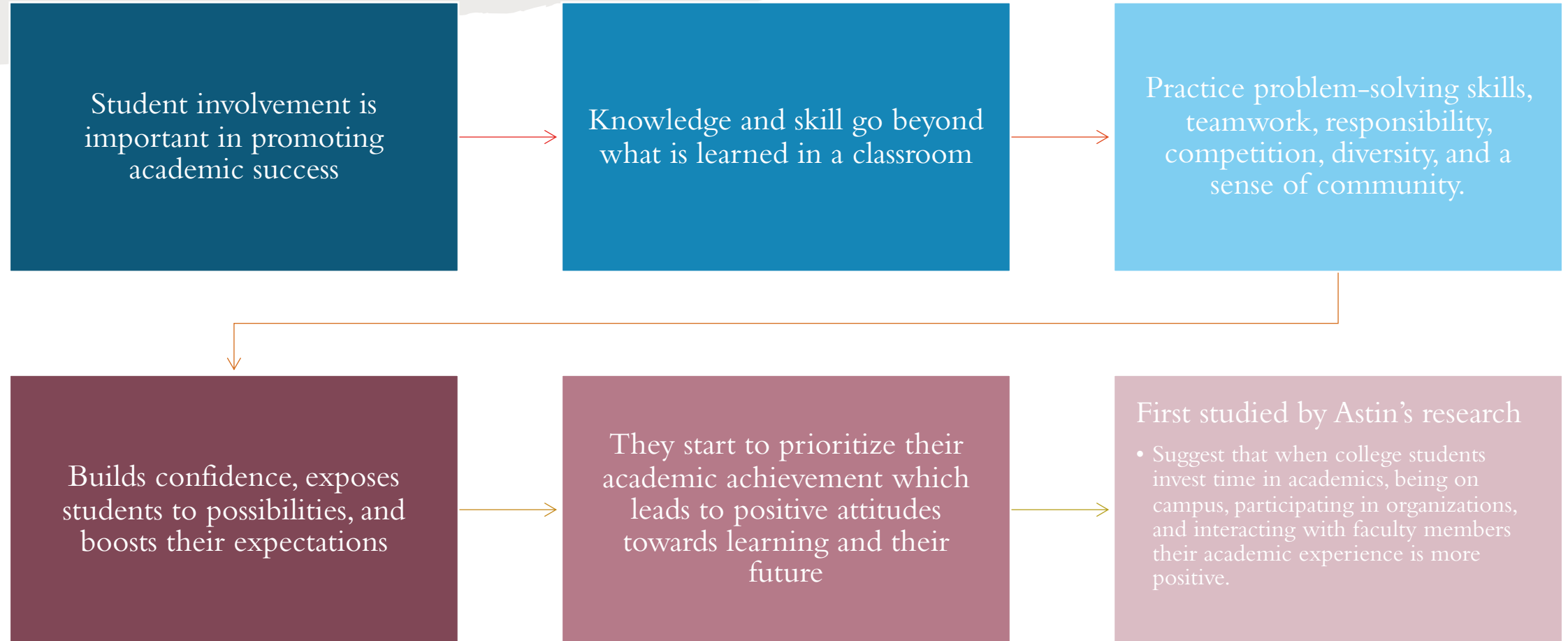


**COLLEGE
INVOLVEMENT ON
CAMPUS AND ITS
RELATIONSHIP TO
UNDERGRADUATE GPA**

Marissa DiMatteo



PAST RESEARCH



PAST RESEARCH

- Kulp (2021) found that first-year college students who attended events had higher GPA and more likely to persist into the next semester.
- Tinto's theory: students involved with social and academic aspects of their university are more likely to graduate.
- Morris (2016) states there are 4 types of extracurricular activities that increase attendance to college: time spent in EC, academic activities, varsity sports, and school clubs.
- Research, studying abroad, internships, and regular club involvement = positive academic outcomes (Webber et al., 2013).
- More time studying, interacting with faculty, and community service = higher satisfaction with college experience (Webber et al., 2013).



METHODS

- 117 Gardner-Webb Students
- Survey sent to professors who shared it with their students
- 18 (15.38%) Freshman, 22 (18.80%) Sophomores, 42 (35.90%) Juniors, and 35 (29.92%) Seniors.
- GPA range: 1.95-4.0

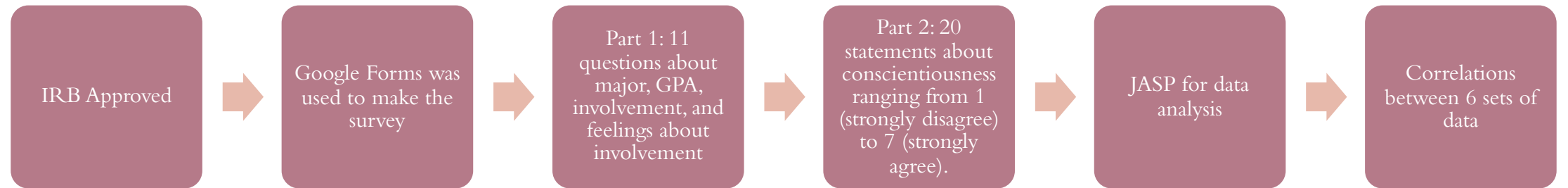
27 majors:

- | | | | |
|-------------------------|-----------------------|------------------------|--------------------|
| • 16 Biology | • 6 Communications | • 2 Mathematics | |
| • 14 Nursing | • 4 Criminal Justice | • 2 Human Services | • 1 Art |
| • 13 Psychology | • 4 ASL | • 2 Economics/finance | • 1 Chemistry |
| • 10 Exercise Science | • 4 Sports Management | • 2 Discipleship | • 1 Graphic Design |
| • 9 Education | • 3 English | • 1 Worship Leadership | • 1 Theatre |
| • 7 Business Management | • 2 Sociology | • 1 Computer Science | • 1 Undecided |
| • 6 Marketing | • 2 Political Science | • 1 Music | • 1 Accounting |

Descriptive Statistics

	Class	GPA	Number of clubs	Total involv.	Total Conscientiousness
Valid	117	117	117	117	117
Missing	0	0	0	0	0
Mode	3.000	4.000	3.000	28.000	113.000
Median	3.000	3.800	2.000	21.000	107.000
Mean	2.803	3.645	1.906	20.137	102.205
Std. Deviation	1.036	0.421	1.106	5.832	19.358
Minimum	1.000	1.950	0.000	7.000	46.000
Maximum	4.000	4.000	3.000	28.000	140.000

METHODS



Frequencies for Number of clubs

Number of clubs	Frequency	Percent	Valid Percent	Cumulative Percent
0	16	13.675	13.675	13.675
1	29	24.786	24.786	38.462
2	22	18.803	18.803	57.265
3	50	42.735	42.735	100.000
Missing	0	0.000		
Total	117	100.000		

RESULTS



Feelings on
involvement &
meetings per week
($r(115) = 0.565, p < 0.001$).



GPA & feeling on
involvement
($r(115) = 0.283, p = 0.002$).



Executive positions &
GPA
($r(115) = 0.198, p = 0.033$).



GPA & meetings/week
($r(115) = 0.248, p = 0.007$).



Conscientiousness quiz
& the number of clubs
($r(115) = 0.354, p < 0.001$).

RESULTS



Conscientious quiz
total & Feelings on
involvement

$(r(115) = 0.375, p$
 $= < 0.001).$



Executive positions
& the
conscientious quiz
total

$(r(115) = 0.249, p$
 $= 0.007).$



Conscientious quiz
total & meetings
per week

$(r(115) = 0.282, p$
 $< 0.002).$



Executive positions
& meetings per
week

$(r(115) = 0.401, p$
 $< 0.001).$



Executive positions
& number of clubs
 $(r(115) = 0.566, p$
 $< 0.001).$



Executive positions
& feelings on
involvement

$(r(115) = 0.452, p$
 $< 0.001).$

RESULTS



GPA & Number of
clubs
 $(r(115) = 0.416, p < .001).$



GPA &
Conscientiousness quiz
 $(r(115) = 0.328, p = 0.001).$



Number of clubs &
meetings per week
 $(r(115) = 0.575, p < 0.001).$



Number of clubs &
feelings on involvement
 $r(115) = 0.558, p < 0.001).$

Pearson's Correlations

			Pearson's r	p
GPA	-	Total Conscientiousness	0.328 ***	< .001
GPA	-	Number of clubs	0.416 ***	< .001
GPA	-	Total involv.	0.283 **	0.002
GPA	-	Executive team	0.198 *	0.033
GPA	-	meetings/week	0.248 **	0.007
Total Conscientiousness	-	Number of clubs	0.354 ***	< .001
Total Conscientiousness	-	Total involv.	0.375 ***	< .001
Total Conscientiousness	-	Executive team	0.249 **	0.007
Total Conscientiousness	-	meetings/week	0.282 **	0.002
Number of clubs	-	Total involv.	0.558 ***	< .001
Number of clubs	-	Executive team	0.566 ***	< .001
Number of clubs	-	meetings/week	0.575 ***	< .001
Total involv.	-	Executive team	0.452 ***	< .001
Total involv.	-	meetings/week	0.565 ***	< .001
Executive team	-	meetings/week	0.401 ***	< .001

* p < .05, ** p < .01, *** p < .001

CLUB INVOLVEMENT

- GWU Sport (44, 37.6%)
- Academic Club/Organization (70, 59.8%)
- Attending sports/theatre/band events (43, 36.8%)
- Intramural Sport (13, 11.1%)
- Research (18, 15.4%)
- Campus Ministries (18, 15.4%)
- Band/choir (7, 6.0%).



DISCUSSION



THERE IS A CORRELATION
BETWEEN UNDERGRADUATE GPA
AND INVOLVEMENT ON CAMPUS.
MORE INVOLVED = HIGHER GPAS



BEING SATISFIED WITH THE
FACULTY, STAFF, AND PEERS OF A
UNIVERSITY = BUILDING STRONG
MEANINGFUL RELATIONSHIPS AND
A DEEPER MOTIVATION FOR
ACADEMIC SUCCESS.



STUDENTS WHO DESIRE TO GO TO
GRADUATE SCHOOL KNOW THAT
INVOLVEMENT IN COLLEGE IS AN
ASPECT THEY NEED FOR THEIR
APPLICATION.

LIMITATIONS

Gardner-Webb University being a private Christian University.

No random sample.
Participants were chosen by convenience sample.

Freshman were involved with this study.

FURTHER RESEARCH

- Random Sampling
- Public and Private Universities
- Different locations
- Different majors
- Different Aspirations



REFERENCES

- Bergen-Cico, D. & Viscomi, J. (2012). Exploring the association between campus co-curricular involvement and academic achievement. *Journal of College Student Retention: Research, Theory & Practice*. 14(3), 329-343. doi: <http://dx.doi.org/10.2190/CS.14.3.c>
- Kulp, A., Pascale, A., & Grandstaff, M. (2021). Types of extracurricular campus activities and first-year students' academic success. *Journal of College Student Retention: Research, Theory & Practice*, 23(3), 747-767. doi: 10.1177/1521025119876249
- Morris, D. (2016). Extracurricular activity participation in high school: Mechanisms linking participation to math achievement and 4-year college attendance. *American Educational Research Journal*, 53(5), 1376-1410. doi: 10.3102/0002831216667579
- Webber, K. L., Krylow, R. B., Zhang, Q. (2013). Does involvement really matter? Indicators of college student success and satisfaction. *Journal of College Student Development*, 54(6), 591-611.
<https://ezproxy.gardnerwebb.edu/login?url=https://www.proquest.com/scholarly-journals/does-involvement-really-matter-indicators-college/docview/1470067826/se-2>