Predictors of Family Nurse Practitioner Student Success on National Certification Exams

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Disclosure

- Daniel Hatch – FNP Program Coordinator / Visiting Professor
  - Employed by Lubbock Christian University
  - Monetary sponsorship and support provided by LCU
  - No commercial support received or conflicts of interest to disclose

Learner Objectives
- Understand various existing research regarding NP student success
- Determine variables that are statistically significant relating to the success of the FNP student.
Predictors of Student Success
Quantitative Correlational Study

• n = 40 students
• Convenience sampling – LCU

Inclusion Criteria

• Signed agreement to participate
• Completed proctored HSRT exam
• Completed demographics survey
• Graduated between 2016-2018
• Attempted ANCC or AANP exam

• 40 out of 42 students met this criteria
Data Analysis

SPSS
Binary Logistical Regression Model
Significance Level p < .05
Goodness of Fit test
### Results

<table>
<thead>
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<th></th>
<th>B</th>
<th>S.E.</th>
<th>Wald</th>
<th>df</th>
<th>Sig.</th>
<th>Exp(B)</th>
<th>Lower CI</th>
<th>Upper CI</th>
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</tbody>
</table>
Conclusion

Graduate Cumulative GPA

Statistically Significant
Strongest Predictor of Success
Student performance while in the program is key to success.

Critical thinking skills can be taught.

Early identification and intervention during the NP program should be considered.
Limitations

Limited sample size

Convenience sampling of one university

One type of NP program studied

Numerous other variables not studied

Majority of students took AANP vs. ANCC exam
Questions?

Thoughts?

Ideas?
Thank You!