

CONTEXT/QUESTIONS

- Current/projected physician shortage
- Community (non-academic) hospitals are starting Graduate Medical Education [GME] programs
- ACGME* accreditation requires demonstrated scholarly activity
- Literature does not indicate librarian ability to support GME scholarly activity

*Accreditation Council for Graduate Medical Education

What is the difference in research capacity [ResCap] between librarians at non-academic and academic hospitals serving GME programs?

How does librarian ResCap impact scholarly activity support for their respective GME programs?

RESEARCH CAPACITY

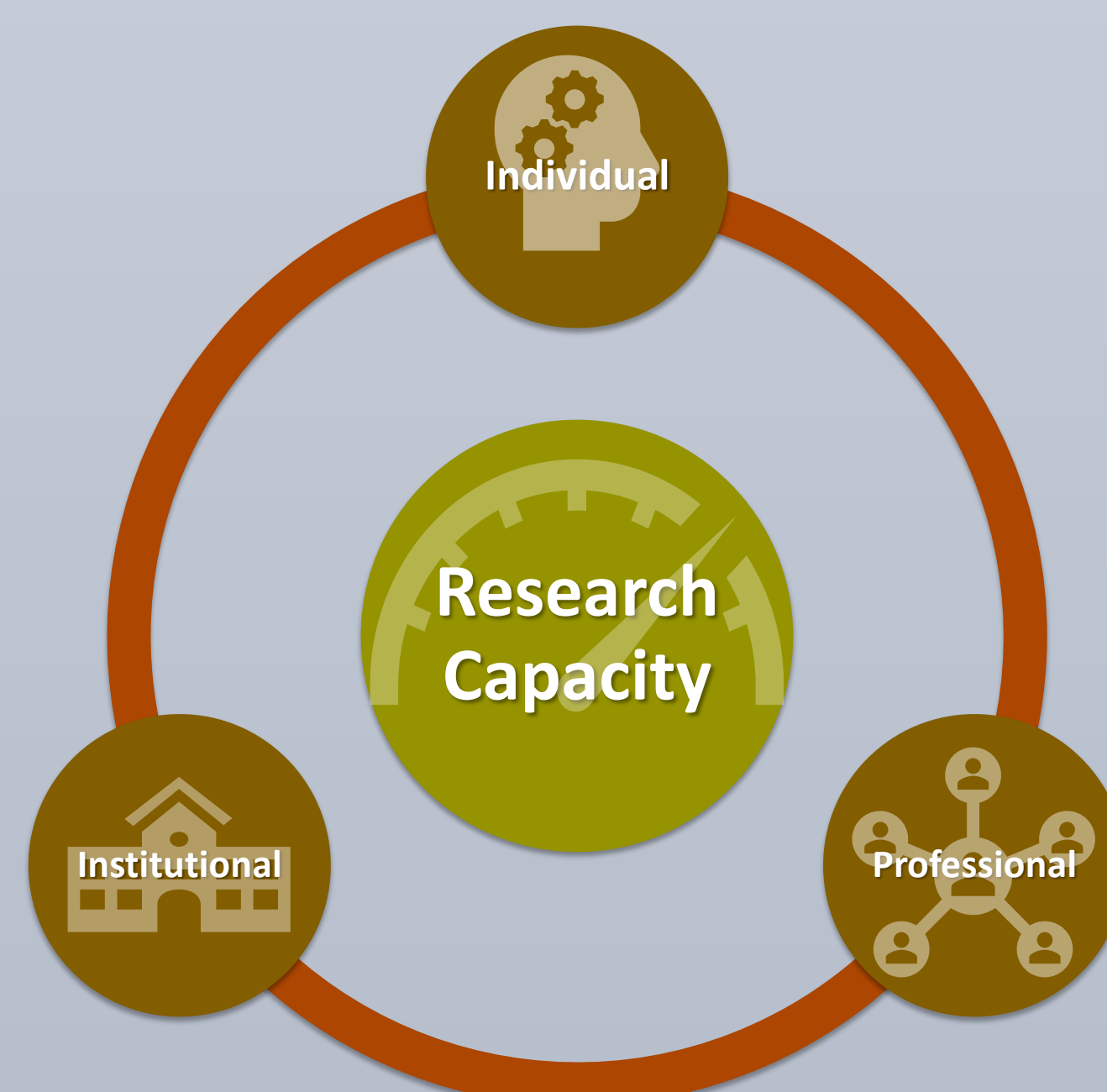
- Concept associated with sustainable research/development of international large-scale entities
- Developed framework with three domains and working definition:

The dynamic and synergistic combination of:

- 1.) individual research knowledge, experience, and productivity;
- 2.) access to communities of practice and/or professional peer networks supporting research activity; and
- 3.) employment in an institutional/organizational environment

conducive to a culture of research and scholarly activity;

Resulting in outcomes including original research protocols/studies, peer-reviewed publications, professional meeting posters/papers/presentations, grant applications/awards, research committee service, institutional review board membership, etc.



METHODOLOGY

Study design: Quantitative, non-experimental; survey via electronic self-administered questionnaire (24 items; 72 max. responses)

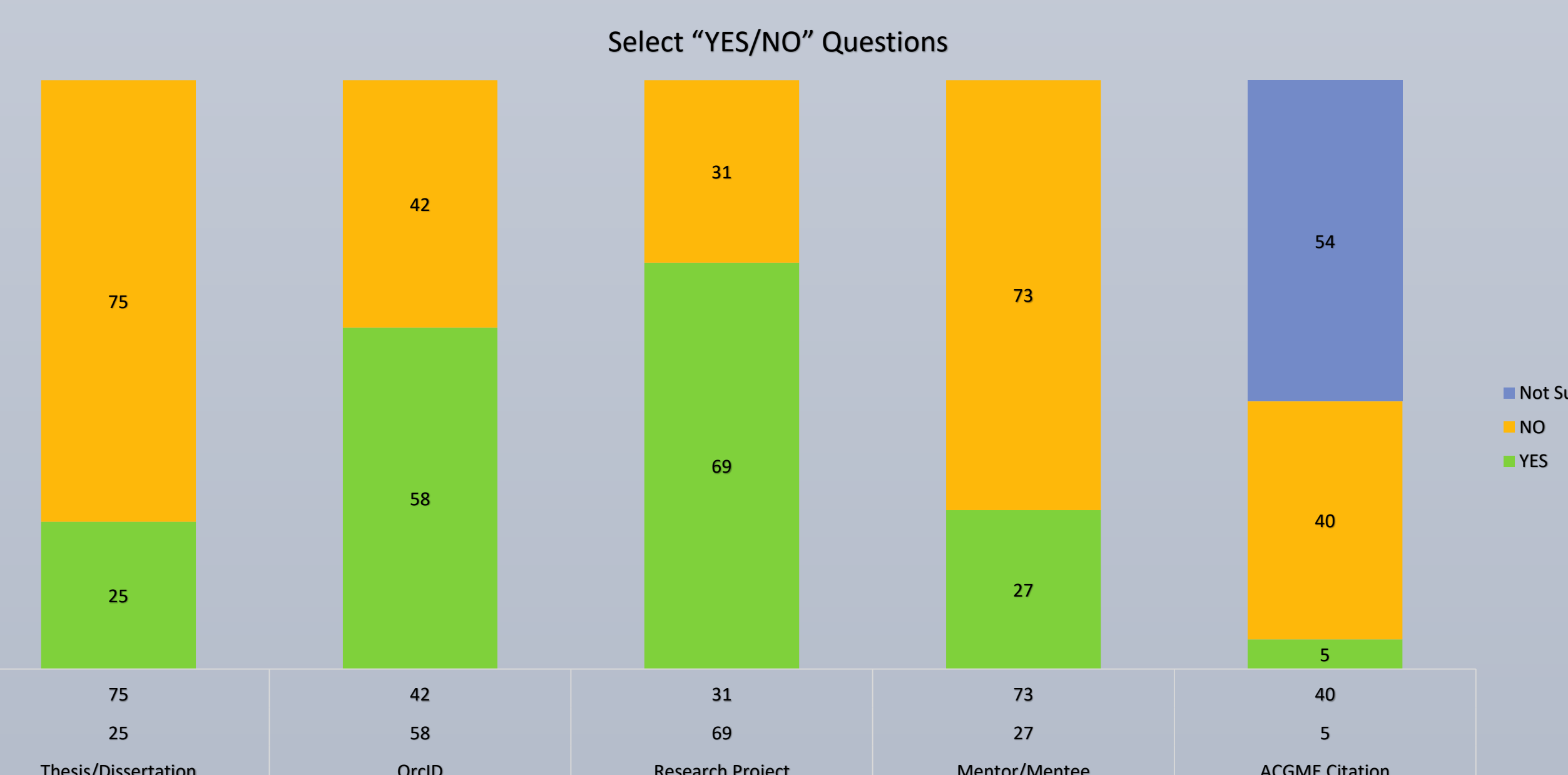
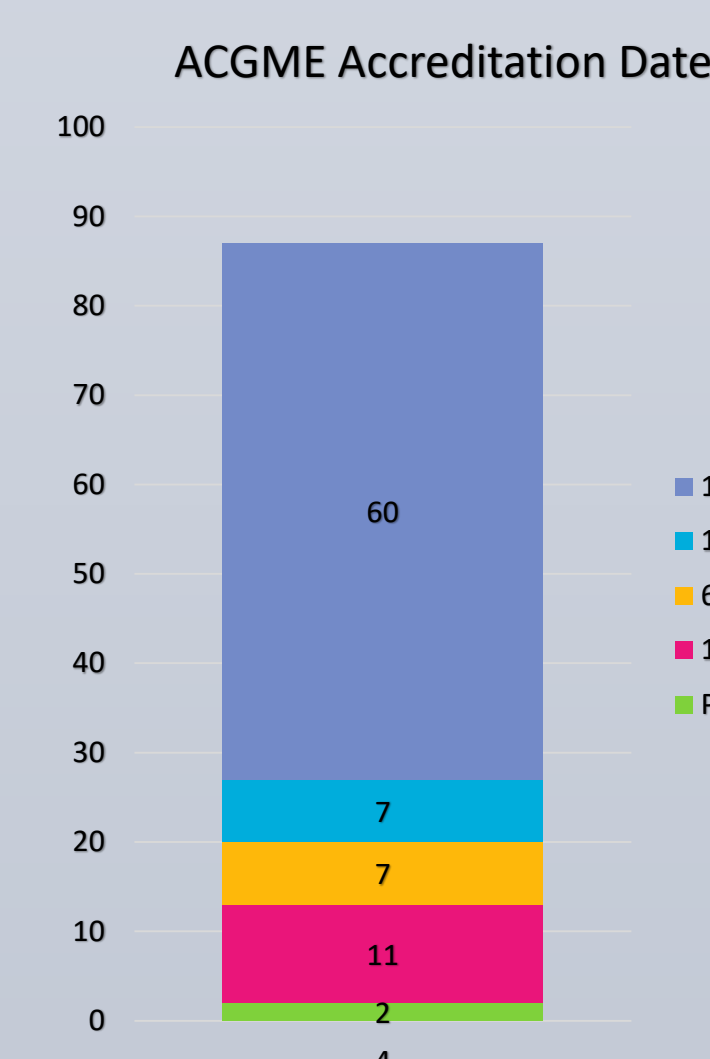
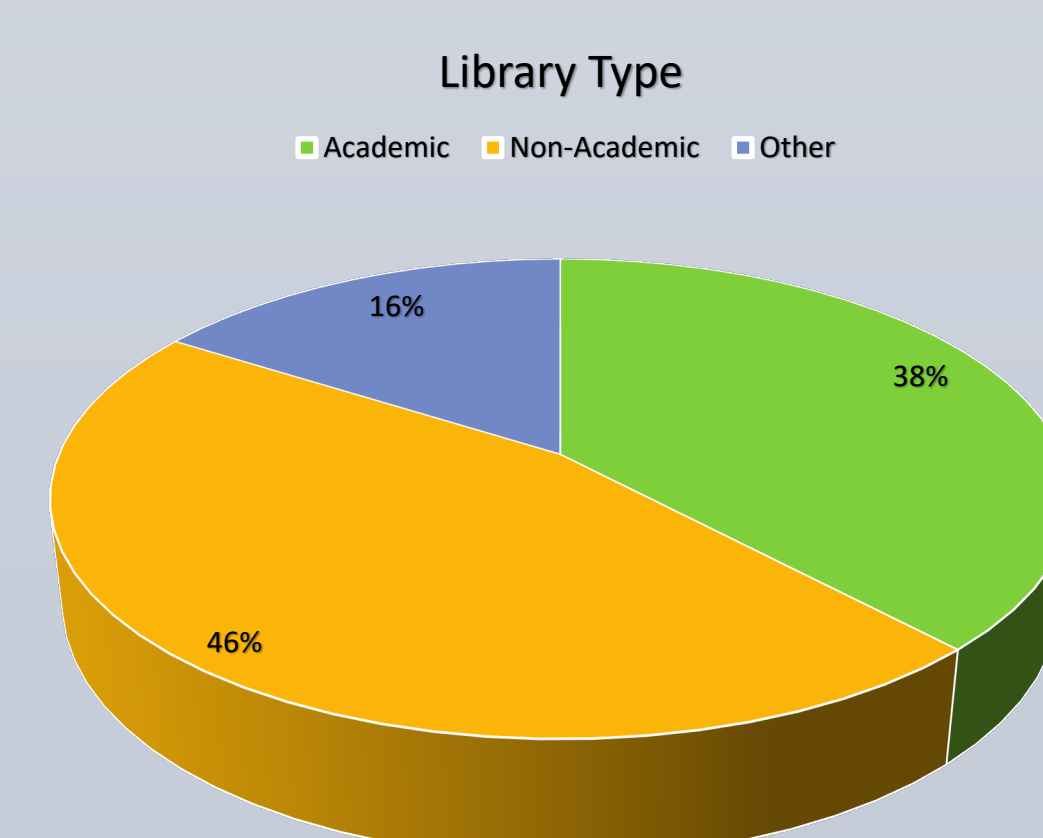
- Exempt from full review for human subjects research by Brenau University IRB; Project Number 1550902-1
- Composite, pre-tested instrument created to capture individual, professional, and institutional attributes
- Varied item types: *Yes/No*, Multiple choice, Likert scale
- Recruitment began early March 2020; COVID-19 postponed next call for participation until mid-June

Population: librarians and information professionals serving hospitals with ACGME-accredited residency programs

Data analysis: descriptive statistics; inferential statistics in progress (initially χ^2 [Chi-squared] test of homogeneity and logistic regression)

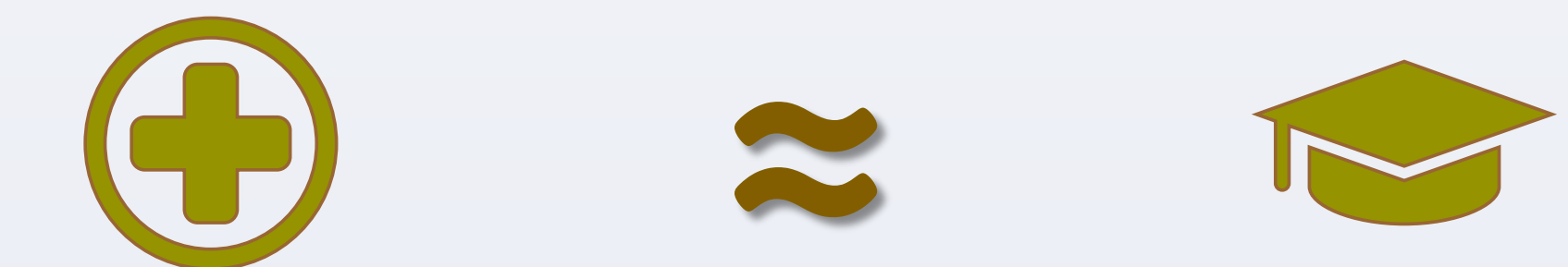
RESULTS

- ☑ 107 responses; N=96 after two knockout questions (figures below); "Other" hospital library type not included in analysis



DISCUSSION/CONCLUSION

Preliminary analysis suggests:



- ☑ RQ1: **No statistically significant difference** in overall ResCap between both types of librarians
 - **P=0.2632** (>0.05) for *Yes/No* questions
- ☑ RQ2: Librarian impact on GME scholarly activity **could not be determined**
 - ☞ Initial results may indicate minimal disparity between groups
 - ☞ Analysis of sub-questions required to yield statistically significant differences
 - ☞ Statistician's input in research question development would have influenced approach to project
 - ☞ Further development of instrument may have yielded conclusive results

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2019-20 MLA RTI Program Faculty and Administrators

Statistics Consultant: Ping Ye PhD – Assistant Professor of Mathematics, University of North Georgia

Thanks to all respondents!

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