

Expansion and Evaluation of the CU Obstetrics and Gynecology Resident Research Program

Claire Schultz, MD, MPH; Nicole Larrea MD, MPH; Aaron Lazowitz MD, MSc

Purpose

The ACGME requires that all Obstetrics and Gynecology residents complete scholarly activity. In 2013, the CU OBGYN residency created a research program to address a need for structure and mentorship for completion of a research project during residency. The purpose of this project is to evaluate the program's current performance and expand the curriculum.

Objectives

- To evaluate resident research output during the past four years
- To immediately expand the existing educational curriculum with incorporation of digital learning modalities and adult learning tools

Methods

- Identified all posters and oral presentations at national conferences as well as peer-reviewed published research carried out during residency for graduating residents between 2019 and 2022.
- Calculated publication and presentation rates.
- Revised program goals and objectives, incorporating feedback from stakeholders.
- Expanded didactic education to help meet objectives.
- Employed adult learning concepts of priming and interleaved learning to strengthen knowledge retention.
- Created a framework for pre/post quizzes and evaluation of didactic material.

Results

- From 2019 to 2022, the percentage of graduating residents with any peer-reviewed publication from research completed in residency was 77.8%.
- The percentage of residents who presented their resident research program projects as national poster or oral presentations was 66.7%.
- The percentage of residents who published their project in a peer-reviewed journal was 55.6%.

Slightly over half of residents publish their resident research project, highlighting the importance of a needs assessment to determine how to further support resident scholarly activity.

Results

Figure 1: Resident Research Output by Graduation Year

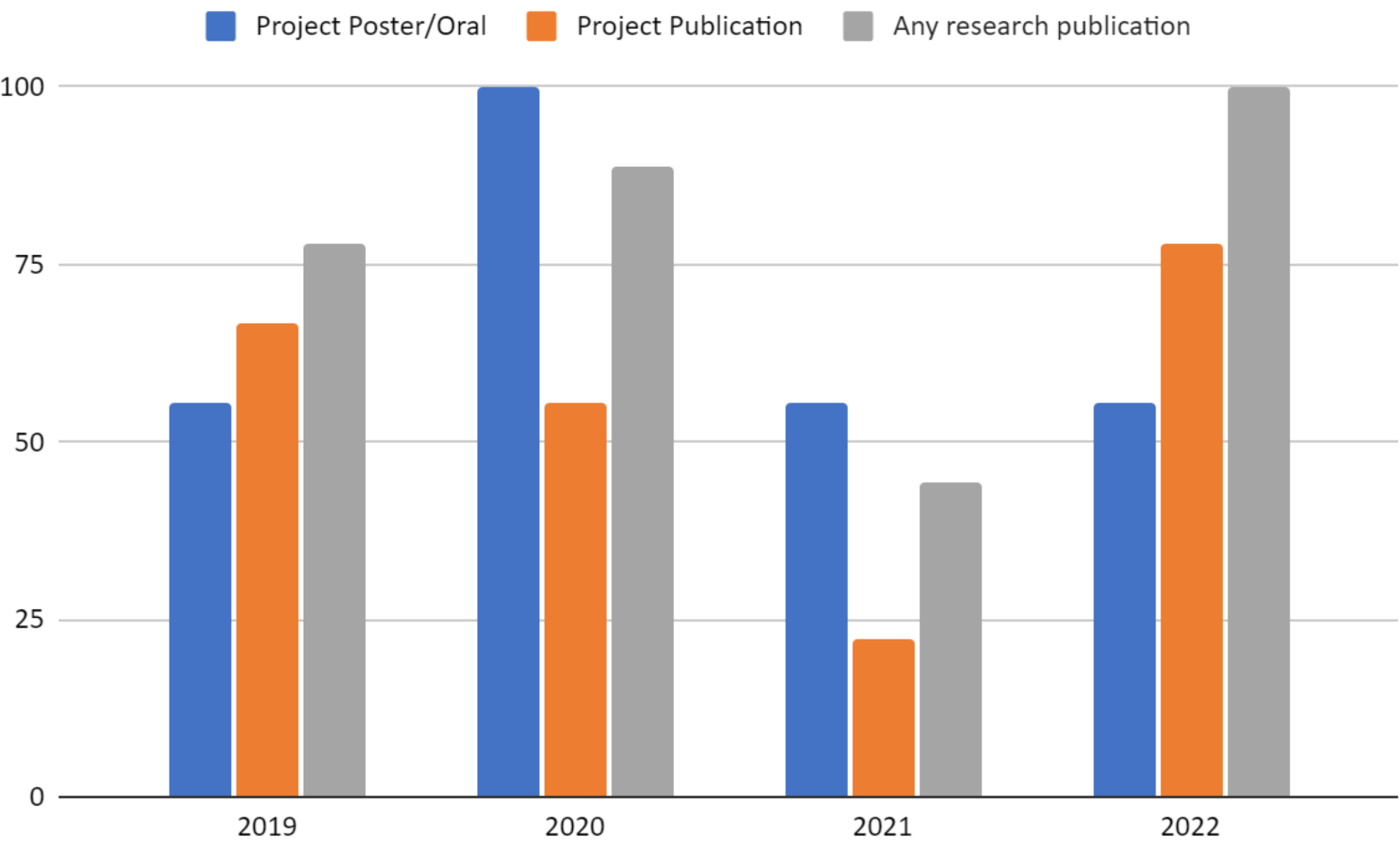
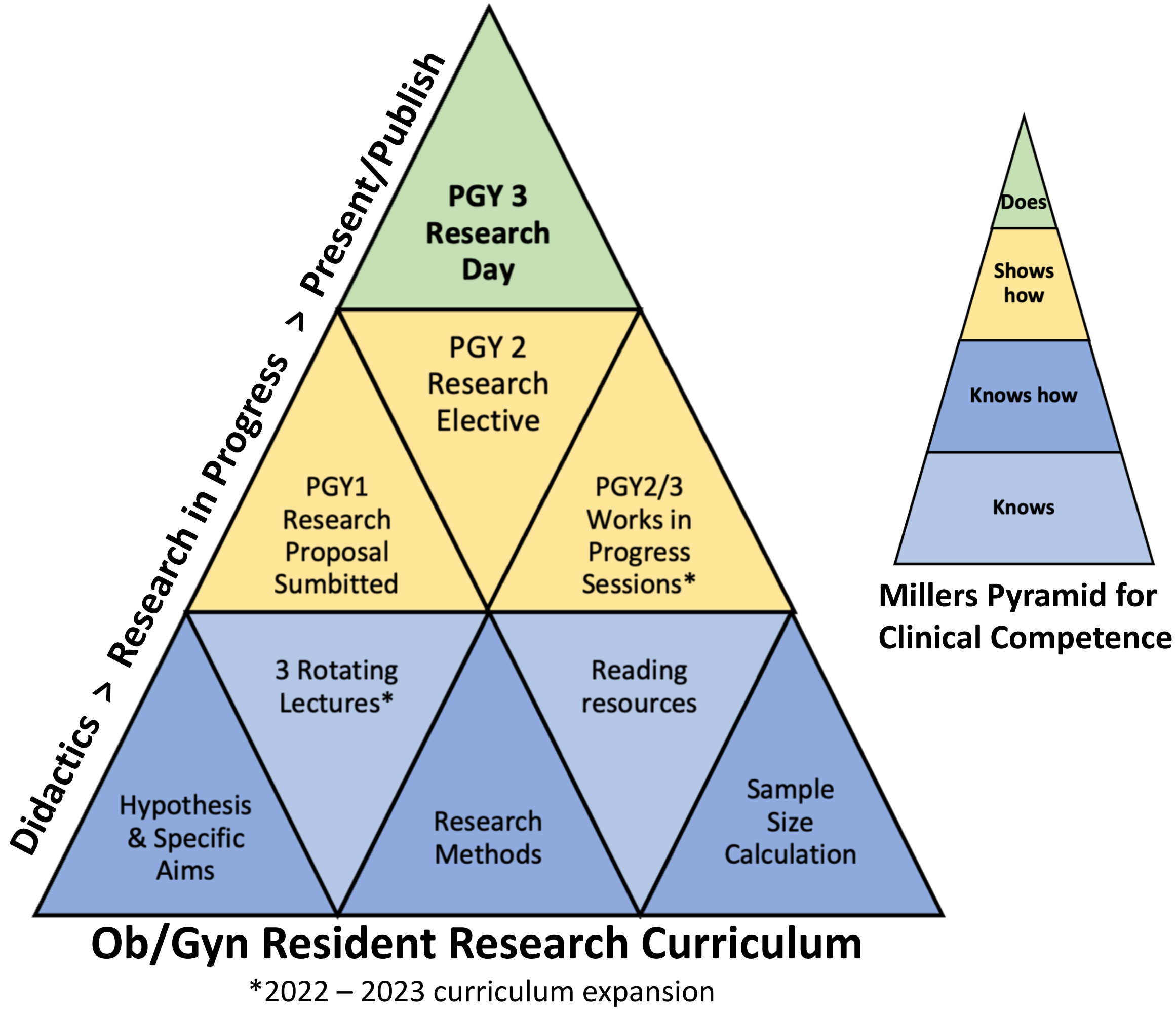


Figure 2: Resident Research Program Structure



Conclusions

- When compared to years 2016-2019, the publication rate has remained stable at 77.8%.
- Plan to distribute a needs assessment survey at the completion of the 2022-2023 academic year via Qualtrics to faculty and current and former residents.

Contact info: Claire Schultz, claire.schultz@dhha.org

