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3-9-2023

### An Investigation of Gold Open Access publications of STEM faculty at a public university in the United States (poster)

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#### Recommended Citation

Kipnis, Daniel G. and Brush, Denise, "An Investigation of Gold Open Access publications by STEM faculty at a public university in the United States" (2023). Libraries Scholarship. Presented at ACRL conference. March 17. [https://rdw.rowan.edu/lib\\_scholarship/41](https://rdw.rowan.edu/lib_scholarship/41)

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# An Investigation of Gold Open Access publications of STEM faculty at a public university in the United States

(ACRL 2023 conference)

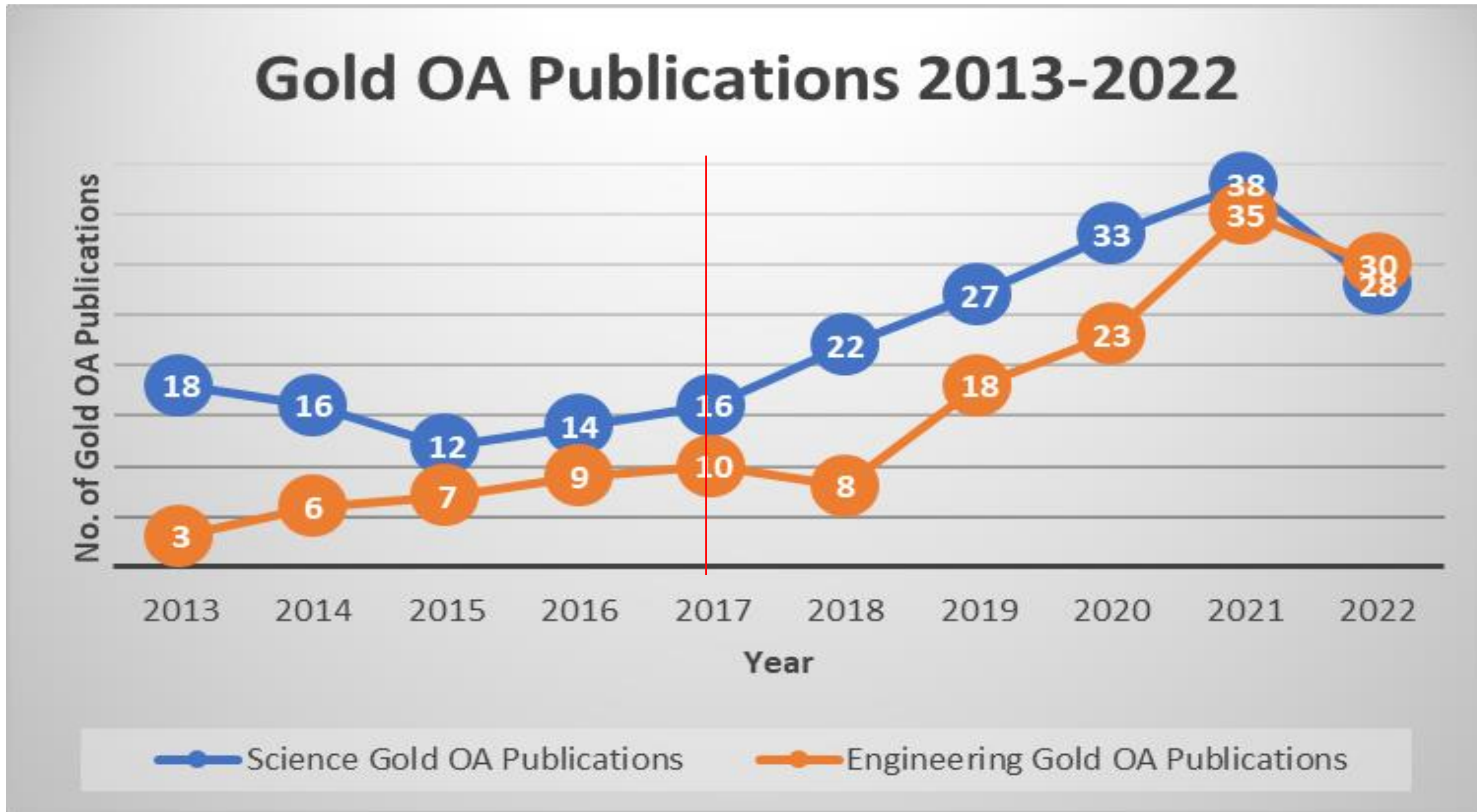
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**Research Questions:**

- Has Gold Open Access Publications by STEM faculty increased over the past ten years?
- How do Gold Open Access publication rates (as a percentage of total publications) compare between STEM disciplines?

**Methods:**

- Used Scopus to find Gold OA publications from STEM faculty at Rowan University
- Examined Gold OA and non-Gold OA publications from 2013-2022 (10 years)

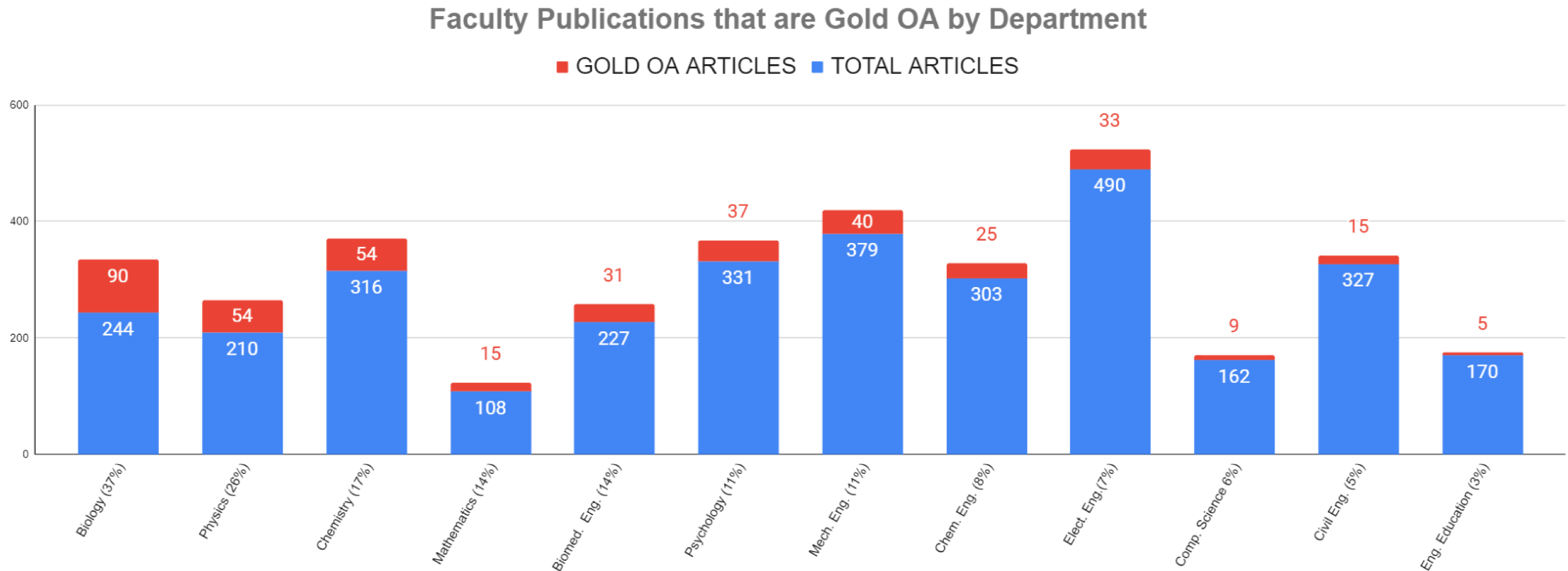


**Key Findings:**

In six years (2017-2022) since Open Access Publishing Fund was started:

- OA publications have increased **176%**;
- OA in Engineering increased **200%**;
- OA in Science increased **123%**.

*Red line indicates creation of OAPF*



Among Science disciplines, Biology and Physics had the highest percentages of OA articles. In Engineering, Biomedical Engineering was the clear leader.