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

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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.