

Evidence 2023.3.1.7 Noyce Teacher Program Enrollment of Math and Science Teacher Candidates

Evidence Overview

The document "Noyce Teacher Program Enrollment of Math and Science Teacher Candidates" (Evidence 2023.3.1.7) details the enrollment of math and science teacher candidates in the Noyce Teacher Program at UPRM from 2020 to 2023. It breaks down the enrollment by discipline (Science and Math), distinguishing between Scholars and Affiliates. The data includes the number of participants for each year and the total for the period. Additionally, it lists the departments of origin for these candidates, such as Biology, Physics, and Engineering. The document highlights the support provided by the Noyce Teacher Scholarship Program, including professional development activities and financial support for qualified candidates, aiming to prepare them for teaching in high-need schools.

CAEP Standards

Alignment

| | |
|----------------|-----------------|
| Initial | Advanced |
| 3.1 | |

The Evidence

The following is a three year recruitment report for Noyce Teacher Program as part of the UPRM EPP.

2023.3.1.7 Noyce Teacher Program Enrollment of Math and Science Teacher Candidates

Each column shows the new recruitments (they were at different points but the majority were sophomores and seniors)

| Discipline of Teacher Candidate | 2020 | 2021 | 2022 | Total | Total |
|---------------------------------|------|------|------|-------|-------|
| Science Scholar* | 6 | 3 | 6 | 15 | 24 |

| | | | | | |
|---------------------|----|----|----|----|----|
| Science Affiliate** | 3 | 5 | 1 | 9 | |
| Math Scholar | 1 | 1 | 4 | 6 | 11 |
| Math Affiliate | 1 | 2 | 2 | 5 | |
| Total | 11 | 11 | 13 | 35 | |

Discipline Departments of Origin

| | |
|------------------------|----|
| Biology | 15 |
| Biotechnology | 2 |
| Marine Sciences | 1 |
| Physics | 7 |
| Chemistry | 2 |
| Economy | 1 |
| Industrial Engineering | 1 |
| Mechanical Engineering | 2 |
| Geology | 1 |
| Mathematical Sciences | 2 |
| Computer Science | 1 |

*Scholar = participates in professional development activities and receives a scholarship or a stipend to participate for up to \$5,000 per semester for up to 4 semesters.

**Affiliates = participates in professional development activities without receiving a scholarship or stipend.

Noyce Teacher Scholarship Program (NoTeS), is supported by the Grant Award NSF # 1950139 **Preparing and Supporting Bilingual STEM Teachers in Puerto Rico**

\$1,199,995.00 for 5 years. 2020-2025

PI – Dr. Carmen Bellido

https://www.nsf.gov/awardsearch/showAward?AWD_ID=1950139

English and well-qualified to teach in high-needs schools. To help in this recruitment, this project provides undergraduate STEM majors with up to two years of scholarship support as they complete their baccalaureate STEM degrees and obtain teacher certification. Scholars participate in STEM teaching experiences and classroom action research to study the effectiveness of curricular materials developed for K-12 STEM outreach efforts. Project goals include preparing approximately 39 STEM teachers over the five-year period of the award (2020 to 2025) and placing these new teachers in high need schools or school districts.

