A decorative vertical bar on the left side of the slide, composed of numerous thin, vertical lines in various colors including blue, green, orange, and white, set against a black background.

RUTGERS UNIVERSITY
SCHOOL OF ENVIRONMENTAL AND BIOLOGICAL SCIENCES
EDUCATIONAL OPPORTUNITY FUND

2021-2022

OSHE SPONSORED SPECIAL PROJECTS
UPDATES

Jenice Sabb-Dumas, Ed.D.
Assistant Dean/Director
EOF/Solid GEMS Institutes

FUNDING REQUESTS

- Winter Session - \$10,276
 - Winter Session Course Enrollment
 - RU Researching Experience
- Special Project - \$14,830
 - Math Achievement Program (MAP)



Photo by [Kostiantyn Li](#) on [Unsplash](#)



Projects
\$10,276

Winter
Course
Funding
\$7,076

RU
Researching
\$3,200

Photo by [green ant](#) on [Unsplash](#)

**WINTER
SESSION
FUNDING**



WINTER COURSE FUNDING

- Purpose
 - To assist select students with the completion of additional coursework that would facilitate graduation and persistence to upper-division science coursework
- Activities
 - Tuition, fees, and funding for textbooks, travel, and other expenditures associated with course enrollment
 - Students had to apply for support, register for courses, and have potential for success/progression in coursework
- Outcomes/Future Consideration
 - Of the 11 students who applied for support, 5 students were selected to receive funding
 - All students registered for 3 degree credits, for a total of 15 degree credits earned by all students
 - Average cost per student = \$1,415.20
 - All students successfully completed coursework earning a "B" or better
 - Average Winter Term GPA for students = 3.70
 - Of the 5 students 2 will graduate this May and the other 3 are on track to complete coursework for a May 2023 graduation date



Funded
\$7,076

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RU RESEARCHING FUNDING

- Purpose
 - To enhance fall research discussions and create opportunities to orient student to research and prepare them to assume student/peer researcher roles in the spring
- Activities (projected engagement – 30 students, 2 research mentors & 10 faculty)
 - Workshops
 - Research Etiquette
 - Careers for Researchers
 - Networking & Graduate School Ideals
 - Meals
 - Research Mentors
 - Peer Researchers & Role Models
 - Faculty Discussions
 - Qualitative vs. Quantitative
 - Research Labs – Here, There, and Everywhere
 - Expectations and Requirements

Funded
\$3,200



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RU RESEARCHING FUNDING

- Outcomes/Future Consideration
 - Of the projected engagement...
 - Both Research Mentor were instrumental in connecting with the students and explaining their journey and benefits of their involvement with research as an undergraduate students.
 - Eight (8) current students participated in the event. Upon inquiry, it was noted that students were relieved to be out of the academic environment and thus did not wish to engage in more online experiences.
 - Four (4) alumni participated as panelists to discuss their professional journeys and how research assist them along the way. From this engagement, students were offered job opportunities that would support their academic careers.
 - Four (4) faculty participated in the event, and all have taken student researchers (one taking on 2 students).
 - Five (5) students have acquired research positions for the spring semester (62.5% of participants).

Funded
\$3,200

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RU RESEARCHING FUNDING

- Outcomes/Future Consideration (cont'd)

- Student placements

- Briana - CGPA 3.536, Public Health, Graduation Date May 2023
- **Kenneth - CGPA 2.853**, Biotechnology, Graduation Date May 2023
- Mina - CGPA 3.503, Biology, Graduation Date May 2023
- **Geovanna - CGPA 2.343** Animal Science, Companion Animal Science, Graduation Date January 2024
- Heba - CGPA 3.343, Plant Biology & Biotechnology, Graduation Date May 2023

- Next Steps

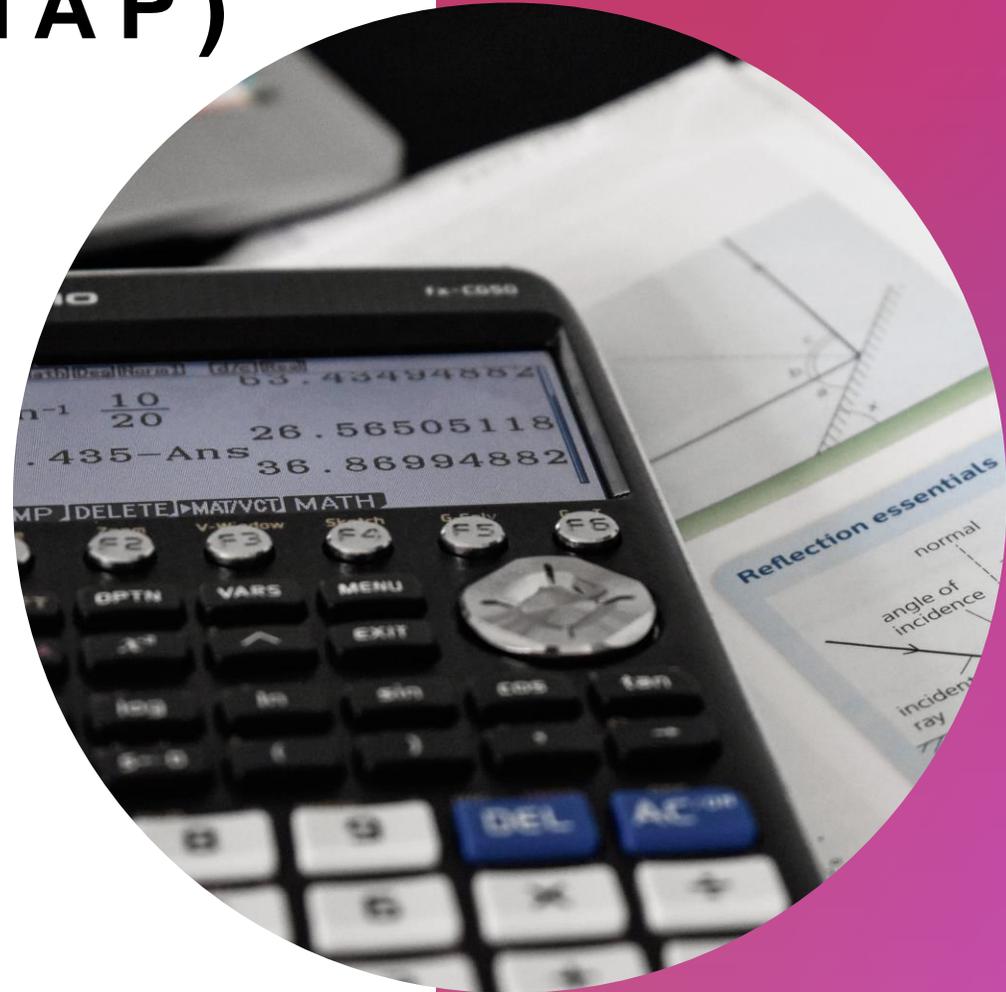
- Continue workshops/discussions that promote research
- Spring 22 student researchers will present their research activities at the annual RU Researching Symposium
- Support student engagement in research/oral competitions
- Students will serve as research mentors for incoming students

Funded
\$3,200

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MATHEMATIC ACHIEVEMENT PROGRAM (MAP)

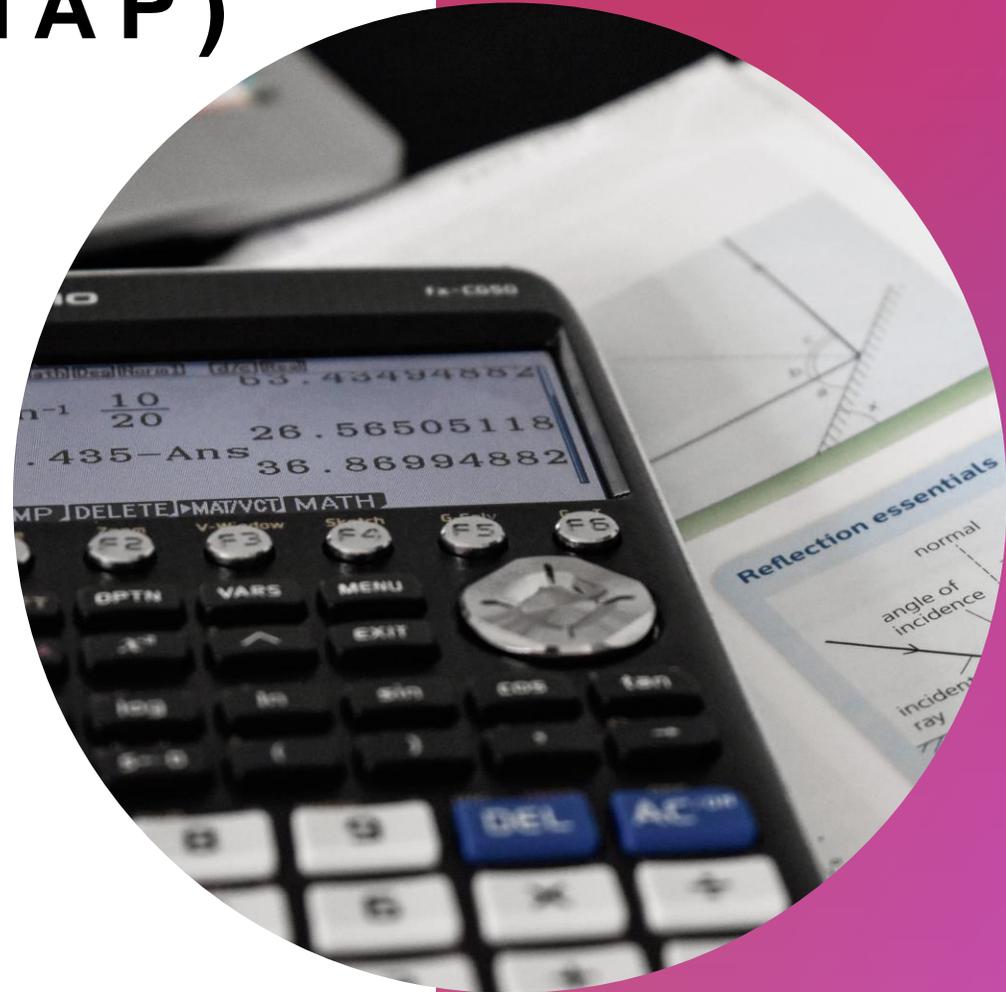
- Purpose
 - Design an individual academic enrichment program that addressed math confidence for SEBS EOF students taking college level math during the spring 2022 semester
- Activities
 - Of the 20 proposed first-year students, the program actually engaged 22 students
 - Included more courses due to fall performance
 - Individualized professional virtual tutoring for each student (asynchronous & synchronous)
 - Student administrative aid will monitor student enrollment, collect data, report academic progress and serve as an assistant to the professional facilitator
 - Group sessions and one-on-one reviews/progress assessments



Funded
\$14,830

MATHEMATIC ACHIEVEMENT PROGRAM (MAP)

- Challenges
 - Other students needed assistance, so we pivoted to include – students in lower-level math courses
 - One student dropped the course
- Outcomes
 - Expectation that students will gain confidence in college level math which may likely encourage continued aspirations of choosing a science major
 - Sessions are ongoing



Funded
\$14,830

A photograph of a brown dog, possibly a pit bull mix, standing on its hind legs. The dog is looking upwards and to the left, with its right front paw raised high. It is wearing a dark collar with a pink tag that says "MIA" and a black tag with a logo. The background is a plain, light-colored wall with a white door on the right. The floor is made of light-colored tiles.

QUESTIONS