

2020-2021 Fulbright Distinguished Awards in Teaching Short-Term – Cycle II (Fulbright DAST)

DAST Cycle II Project: Contributing to the Development of a Colombian Primary School's STEM Program

I. PROJECT OVERVIEW

City, Country: Bogota, Colombia

Project Date Range: October 10 – November 20, 2020

Project Length: 6 weeks

Summary: A U.S. K-6 STEM education specialist will travel to Bogota, Colombia, to work with teachers at a Colombian primary school to develop their informal STEM program.



II. HOST INSTITUTION INFORMATION

Name / Department: Aurora School (Colegio La Aurora IED)

Type: Primary school

Website: <https://www.redacademica.edu.co/colegios/colegio-la-aurora-ied>

About: STEM education is not a commonplace in Colombian public schools, nor is it properly understood by those who do practice it. Colombian teachers who have attempted to introduce STEM subjects or lesson plans into their curriculum have done so at their own initiative and expense. The Aurora School public primary school in the Usme suburb of Bogota, Colombia, is one such school where, over the past four years, a STEM program has been developed thanks to the initiative of teachers at the school.

III. PROJECT INFORMATION

Background: Over the past four years, the Aurora School has made great progress on establishing an informal STEM program for children at the school thanks to the initiative of the school's teachers. To this end, the Aurora school has conducted its own research and teacher training programs using materials and resources that are freely available online. In addition, the Aurora School has hosted visiting STEM teachers from other countries who have contributed to its nascent STEM program. The Aurora School is looking forward to working with a Fulbright DAST fellow to help refine the school's STEM curriculum, develop STEM teaching materials and lesson plans, and conduct STEM teacher training workshops. In addition, teachers from other schools in the region will likely attend the training sessions at the Aurora School so the STEM expertise that the DAST fellow brings with them can make a greater impact in the region.





Activities: Leading seminars, workshops or other teacher professional development for educators; Developing academic curricula or educational materials; Assessing academic curricula or educational materials; Presenting lectures or conference plenary presentations

Target Beneficiaries: Teachers and students at the Aurora School

IV. QUALIFICATIONS OF SELECTED APPLICANT

Teaching Level: Primary

Years of Teaching Experience: 5+ years

Subject Area Expertise: Curriculum Specialist; Mathematics; Science; Technology/Computer Science

Language Requirement: Intermediate – Advanced Spanish required

