

2020-2021 Fulbright Distinguished Awards in Teaching Short-Term Program (Fulbright DAST)

DAST Cycle II Project: Assisting a Vietnamese High School to Complete a STEM and Natural Sciences Curriculum

I. PROJECT OVERVIEW

City, Country: Lao Cai City, Lao Cai Province, Vietnam

Project Dates: October 1 – November 8, 2020

Project Length: 5-6 weeks

Summary: An expert U.S. high school level STEM and natural sciences educator will travel to Vietnam to work with educators at a gifted and talented high school complete a new STEM and natural sciences curriculum that will serve as a model for other high schools in the region.

II. HOST INSTITUTION INFORMATION

Name / Department: Lao Cai High School for Gifted Students / Foreign Language Department

Type: Secondary school

Website: <http://thptchuyenlaocai.edu.vn/>



About: Since it was founded in 2003, the Lao Cai High School for Gifted Students has gathered the best students of Lao Cai province. Currently around 800 students study at the Lao Cai High School. Over the past two years, the school has made efforts to train educators in innovative teaching methods for STEM and natural science subjects all while reviewing their STEM and natural sciences (Biology, Physics, Chemistry) curriculum. These efforts have led staff at the Lao Cai High School to change their teaching style from a theoretical to a more practical approach. The Lao Cai High School is looking forward to a U.S. STEM and natural sciences educational expert to help the school complete its new STEM and natural sciences curriculum. Once this curriculum is completed, it will serve as a model for other high schools in the region.

III. PROJECT INFORMATION

Background: Vietnam's Ministry of Education and Training is currently working with schools to help them develop new curricula with a strong emphasis on making the practical teaching of STEM natural science (Biology, Physics, Chemistry) subjects a central part of the curricula. The Ministry has organized many seminars, workshops and training courses to enable schools to this end. However, many schools have not yet completed their new curricula. Over the past two years, the Lao Cai High School for Gifted Students has made great efforts to develop such a





curriculum. With the help of a Fulbright DAST fellow, the school is looking forward to making progress towards completing the new STEM and natural sciences curriculum. In addition, the DAST fellow will help the school strengthen an extracurricular STEM club.

Activities: Leading seminars, workshops or other teacher professional development for educators; Developing academic curricula or educational materials; Presenting lectures or conference plenary presentations; X Other education capacity building activities that meet host institution goals

Target Beneficiaries: Educators and students at the Lao Cai High School

IV. QUALIFICATIONS OF SELECTED APPLICANT

Teaching Level: Secondary

Years of Teaching Experience: 5+ years

Subject Area Expertise: Science; STEM; Curriculum Specialist; Gifted and Talented Education

Language Requirement: None (a Vietnamese translator will help with communication when needed)

