

## **FACULTY DEVELOPMENT ENDOWMENT FUNDS**

Eleanor Lane Endowment  
and  
Nathan Deutsch Development Fund

**Award Date:** Fall 2023

**Proposal Title:** In the Name of Sovereignty and Progress: A Comparative Study of Early Engineering Programs in Latin America

**Principal Investigator:** Justin Castro

### **ABSTRACT**

“In the Name of Sovereignty and Progress: A Comparative Study of Early Engineering Programs in Latin America” is a presentation for the joint Society for the History of Technology (SHOT)/International Committee for the History of Technology (ICOHTEC) conference being held in Santiago, Chile, July 9-14, 2024. These are the two most prominent international history of technology organizations and a rare joint meeting. It is rarer still that it is in Latin America. My presentation will discuss research underway that compares the rise of professional engineering programs across Latin America from 1850 to 1950. It will provide data and analysis on the types of engineers graduated, the number of engineers graduated, demographics of students, foreign v. domestic faculty, levels and types of employment, regional student and faculty exchanges, and rationales for the creation and support of these programs. The research highlights work that I will publish in SHOT’s journal Technology and Culture and my current book project on the history of technology and society in Latin America. It also includes research from recently published work.