

# Tiana Maria Marrese

Economist / Social Scientist

Curriculum Vitae

## INTEREST AREAS

Nonprofits and the Market

Volunteerism

Philanthropy

## SKILLS

**Statistics** R, SAS

**Programming** Python

**Databases** SQL


## ACCOLADES


**Dean's List** Spring 2017

Fall 2018


**High Honors** Spring 2018

## CONTACT

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## SUMMARY

Economist and social scientist with a strong background in statistics and policy research. A creative and self-driven researcher with a talent for innovative ideas derived from knowledge in empirical analytics and mathematics. Skilled in collaboration and leadership with a love for solving complex problems. Passionate about scholarship and analyzing social issues relating to the third-sector.

## EDUCATION

2021–Present **University of Pennsylvania** 3.77 GPA

Doctoral Student, Social Welfare

Advisor: Dr. Femida Handy

Philadelphia, Pennsylvania

2019–2021 **Humboldt-Universität zu Berlin** 3.75 GPA

Master of Science, Economics and Management Science

Berlin, Germany

2014–2018 **Carnegie Mellon University** 3.42 GPA

Bachelor of Science, Mathematics

Pittsburgh, Pennsylvania

## WORK EXPERIENCE

2019–2021 **Research Assistant**

Humboldt-Universität zu Berlin, Part Time

- Provided ten hours of weekly research support to Professor Danilov in organizational economics
- Performed literary compilation and data analysis for various projects in personnel and behavioral economics

2018–2019 **Financial Engineer**

Fannie Mae, Full Time

- Ran monthly and quarterly models that projected loan profile performance for Fannie Mae's book of business
- Developed new software applications to increase efficiency and accuracy of model output
- Organized weekly training sessions that facilitated skill diversity and development among team members

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## WORKING PAPERS

### **The Generosity Commission: Understanding COVID-19's impact on volunteer behavior**

- This study surveys a nationally representative sample within the U.S. to understand how Americans have adapted their prosocial behaviors with respect to the pandemic
- Research phase is on-going

### **Volunteer Attributes in Advanced Industrial Democracies, 1980-2010**

- This research utilizes data from the six most recent waves of the World Value Survey to understand volunteer characteristics across sectors and time
- Employs Poisson and multinomial logistic regressions

### **Intergenerational Transmission of Eco-friendly Behaviors**

- Analyzes survey data to understand the impact of parents and grandparents on adult children's eco-friendly behaviors
- Regression and bootstrapping

## EXPERTISE

Macroeconomic Modeling

Project Management

Public Speaking

## WORK EXPERIENCE (cont.)

- 2017–2018 **Community Advisor**  
Carnegie Mellon University, Part Time
- Led a team of five Resident Assistants with the goal of providing personal support and guidance to over 200 Carnegie Mellon first-year dorm residents
  - Dedicated thirty hours a week to running meetings and programs that reverberated values of the university and catalyzed growth in the students
  - Effectively carried out logistical aspects of the job including emailing, scheduling, and budgeting
- 2015–2017 **Resident Assistant**  
Carnegie Mellon University, Part Time
- Spent twenty hours a week mentoring thirty residents and aided in their acclimation to higher education

## LEADERSHIP

- 2014–Present **Pennsylvania Association of Student Councils (PASC)**  
Pennsylvania, USA
- Helped plan and execute a weeklong summer workshop for middle school delegates in the areas of leadership and student activism

## VOLUNTEERING

- 2020–Present **English Tutor**  
Informal; Berlin
- Met with high school refugees on a weekly basis to bolster their understanding of English
- 2018–2019 **Math Tutor**  
For the Love of Children; District of Columbia
- Provided weekly, one-on-one tutoring to help students achieve grade-level competency in math
- 2016–2018 **Reading Buddy**  
Carnegie Library; Pittsburgh
- Engaged with young library visitors to improve literacy and instill a sense of community